

10th European Congress on Tropical Medicine and International Health



Antwerpen, Belgium
16-20 October 2017

Preliminary Programme



www.ECTMIH2017.be

Table of Contents

Legend	4
Programme	
Monday	
Opening Ceremony.....	7
Tuesday	
Programme at a Glance.....	8
Programme S and OS.....	10
Wednesday	
Programme at a Glance.....	28
Programme S and OS.....	30
Thursday	
Programme at a Glance.....	44
Programme S and OS.....	46
Friday	
Programme at a Glance.....	65
Programme S and OS.....	66
Posters	
Poster List Tuesday.....	71
Poster List Wednesday.....	92
Poster List Thursday.....	114



Legend

The programme is organised in 8 tracks. These 8 tracks are listed on page 5. You will find the track numbers (1 to 8) in the session codes.

There are 2 types of sessions, coded as S and OS:

- **S sessions are composed of oral presentations selected via the Call for Abstracts**

1S1 = Session 1 in track 1
1S2 = Session 2 in track 1
- **OS Sessions are sessions selected via the Call for Organised Sessions**

1OS1 = Organised Session 1 in track 1
1OS2 = Organised Session 2 in track 1

Furthermore each track has been given a different colour (see page 5). When you look at the day-by-day programme at a glance you can easily find the track and sessions you are interested in.

Colour Codes

Track 1. Breakthroughs and innovations in tropical biomedical sciences

- Molecular biology and epidemiology
- Vector biology
- Diagnostic and therapeutic innovations
- Immunology
- Vaccinology

Track 2. Ecology of tropical disease agents

- One health
- Transmission dynamics
- Vector ecology
- Human ecology

Track 3. State of the art in clinical tropical medicine

- Novel diagnostics, drugs, vaccines
- Travel and migrant health
- Quality assurance of products and procedures
- Biosafety and biosecurity
- Clinical trials, ethics and regulation
- Nursing and patient care

Track 4. Control, elimination and eradication sciences

- State of the art in the control of tropical diseases, TB and HIV
- Theory and practice of elimination and eradication
- Social sciences, the human factor and community involvement
- Sustainability and integration of control strategies
- Economic and political considerations

Track 5. Health systems and public health

- Financial, human and material resources for health
- Quality management and regulation, including drugs and diagnostics
- Management and integration of disease-specific programmes including NCD's
- Access, equity, sustainability and resilience
- Digitalisation and e-health
- National health policies and governance

Track 6. International health collaboration

- The role of international cooperation in health development
- Instruments of international health cooperation
- The position of tropical institutes and global health centres
- Funding, governance and ownership
- Ownership, principles and ethics in international health
- Evidence-based humanitarian and emergency aid

Track 7. Global health

- Global health inequity and Universal Health Coverage
- Demographics and migration
- International trade and the global economy
- Environmental, urban and industrial health
- Global health policies and governance

Track 8. Integrated and other subjects

- Social sciences in health related research
- Reproductive and maternal health
- Child health and nutrition
- Subjects not captured by any of the other tracks
- Subjects integrating or covering several of the above themes



17:00 **Welcome Addresses**
Government representatives
Congress Chair and Organisers

17:30 **Plenary Keynote Talks**

Leadership and ownership in tropical health research

Prof. Rose Leke, Emeritus Professor of Immunology and Parasitology and Director of the Biotechnology Centre at the University of Yaoundé, Cameroon

The past, present and future of tropical diseases in Europe

Dr. Denis Coulombier, Head of Unit for Surveillance and Response Support, European Centre for Disease Prevention and Control, Stockholm, Sweden

18.30 **Welcome Reception**



Programme at a glance - Tuesday 17/10

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
08.30 - 10.00	Plenary Talks					
10.00	Coffee Break					
10.30 - 12.00	3S1 Arboviruses	3S3 Malaria (clinical)	4S1 Elimination of HAT	5S1 Patients and Communities	5OS2 Experiences in capacity building	1S1 Diagnostics 1 - Serology and hemo-culture
12.00	Lunch Break & Poster Tour (12.30 - 13.30)					
13.30 - 15.00	3S2 Ebola and other viruses	3OS2 New Clinical Developments of Antimalarials	4OS1 Phase II/III results for fexinidazole, the first oral treatment for human African trypanosomiasis (HAT)	5S2 Health Services into Health Service Organisations	6OS1 Building capacity for policy influence and health systems management	1S2 Diagnostics 2 - DNA-based assays
15.00	Coffee Break					
15.30 - 17.00	3OS1 Zika: epidemiology and clinical manifestations	8S1 Malaria in Pregnancy	4S2 Outbreak surveillance and response	5OS1 Patient Centered Care (PCC)	6OS6 Health cooperation beyond aid	3OS3 Raising standards and quality of Parasite diagnostics in non-endemic clinical settings using molecular and lateral flow technologies
17.00 - 18.30	1OS1 Zika: Basic science and social implications	8S2 Malaria in Children	4S3 Spatial analysis approaches	5S3 Health Policies	4S4 Biosocial approaches in disease control	3OS4 New developments in the diagnosis of imported parasitic infections in Europe

Programme at a glance - Tuesday 17/10

	Room 7	Room 8	Room 9	e-Room 1	e-Room 2
08.30 - 10.00					
10.00	Coffee Break				
10.30 - 12.00	2S1 Surveillance arboviruses	8S3 Sexual and Reproductive Health Rights	9S1 Emerging voices	3OS6 Integrating mental health into local health systems	
12.00	Lunch Break & Poster Tour (12.30 - 13.30)				
13.30 - 15.00	2S2 Vectors and transmission of arboviruses	8S4 Sexual and Reproductive Health	9S2 Student initiatives - ways of creating an international environment Four alternative ways to improve internationalization at home		
15.00	Coffee Break				
15.30 - 17.00	2S3 Tremadodes	8OS1 Abortion and post abortion care: Politics, religion, public health, health care and legal systems	9S3 Training on Neglected Tropical Diseases		
17.00 - 18.30	2S4 Oncho & Modelling	8S5 HIV	3OS5 Nodding syndrome: interdisciplinary findings and ways forward in prevention and treatment		

08.30

Plenary Talks**New tools for vector control**

Steven W. Lindsay, Durham University, UK

Debate: Doing development differently: The future role of international cooperationChristine Kirunga Tashobya, Makerere School of Public Health, Uganda
Kevin McCarthy EuropeAid, DG DEVCO, European Commission
Remco van de Pas, Institute of Tropical Medicine, Belgium

10.30

3S1 - Arboviruses**Comparison of laboratory and clinical Dengue virus strains reveals major differences in endothelial cell pathology**

Vervaeke P., Noppen S., Meyen E., Ariën K.K., Liekens S. (Belgium)

Clinical features of Chikungunya infection and chronic polyarthralgia after the 2014-2015 outbreak on Aruba

Huys R., De Kort J., Van Den Berg R., Chong L., Eggermont K., Ariën K., Cnops L., Jacobs J., Van Esbroeck M., Bottieau E. (Belgium & Aruba)

Detection of Zika virus NS1 antigen in semen by a prototype rapid test

Cnops L., Nakayama E.E., Caron, E., Eggermont K., Van Esbroeck M., Bottieau E., Jacobs, J., Shioda T., Huys R. (Belgium & Japan)

Epidemiological and clinical data of children exposed to Zika virus registered in Spanish database. How often is microcephaly?

Soriano-Arandes A., García López-Hortelano M., Frick M.A., Prieto Tato L., Fumadó V., Navarro M.L., Sulleiro E., Martín-Nalda A., Mellado M.J., Soler-Palacín P. (Spain)

Surveillance of Zika virus in pregnant women returning from affected areas: Results from a cohort study in Southern Europe

Marbán-Castro E., Goncé A., Martínez M.J., Fumadó V., Esteve C., Fortuny C., López M., García L., Salazar L., Salvia D., Oliveira I., Rodríguez-Valero N., Pinazo M.J., Requena-Méndez A., Llenas-García J., Alejo-Cancho I., Saco A., Castillo P., Fuente-Moreno M., Casellas A., González R., Muñoz J., Gascón J., Ordi J., Menéndez C., Bardají A. (Spain)

Incidence of travel-associated Zika virus infection in 2016: Preliminary results of a prospective cohort study in Belgian travellers to the Americas

Huys R., Van Den Bossche D., Feyen A., Potters I., Lotgering E., Eggermont K., Cnops L., Jacobs J., Van Esbroeck M., Bottieau E. (Belgium)

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

3S2 - Ebola and other viruses**Which personal protective equipment to provide? – Challenges during the ebola outbreak and lessons learned**

Lee M.H., Meerbach A., Straub J., Neidhardt I., Gresser N., Gies S., Verbeek L. (Germany)

Inclusion of pregnant women in ebola clinical trials

Séverine Caluwaerts, Ebola Investigational Platform, Axelle Ronsse, Daphne Lagrou, Annick Antierens (Belgium)

Human T-lymphotropic virus 1 and 2 infections among patients with neurological disorders in the Democratic Republic of the Congo

Verdonck K., Mukendi D., Barbé B., Ariën K., Yansouni C.P., Lutumba P., Boelaert M., Chappuis F., Muyembe J.J., Bottieau E. (Belgium, Democratic Republic of Congo, Canada & Switzerland)

Presence of defective HTLV-1 provirus in Peruvian asymptomatic carriers

Mora R., Rosado J., Falconi-Agapito F., Ocampo C., Gotuzzo E., Alvarez C., Talledo M. (Peru)

The clinical characterization of human monkeypox infections in the Democratic Republic of Congo

Mbala K.P., Huggins W.J., Riu R.T., Mulembakani M.P., Ahuka M.S., Kumakamba M.C., Martin W.J., Muyembe T.J.J. (DRC & USA)

Aids-related systemic mycoses endemic to Western Cape, South Africa and clinical mimics: A cross-sectional study of adults with advanced HIV and recent-onset, widespread skin lesions

Schwartz I.S., Kenyon C.R., Claasens S., Spengane Z., Lehloenya R., Prozesky H.W., Colebunders R., Dlamini S. (Belgium, Canada & South Africa)

15.00

Coffee Break

15.30

3OS1 - Zika: Epidemiology and clinical manifestations**Organisers:**

Jointly organised by three Zika related research consortia funded under Horizon 2020 by the European Commission

17.00

1OS1 - Zika: Basic science and social implications**Organisers:**

Jointly organised by three Zika related research consortia funded under Horizon 2020 by the European Commission



10.30 **3S3 – Malaria (clinical)****Vivax malaria morbidity after radical treatment: A 2-year cohort study in Central Vietnam**

Thanh P.V., Hong N.V., Xa N.X., Van N.V., Cleves M.A., Duong T.T., Le Xuan Hung, Anna Rosanas-Urgell, Umberto D'Alessandro, Niko Speybroeck, Annette Erhart (Vietnam, USA, Belgium & Gambia)

P. Vivax recurrences after radical treatment in the Peruvian amazon: A 2-year cohort study

Annette Erhart, Veronica Sotto-Calle, Christopher Delgado, Angel Rosas, H. Rodriguez, Jean-Pierre van Geertruyden, Anna Rosanas, Niko Speybroeck, Dioni Gamboa, Umberto D'Alessandro, Alejandro Llanos (Belgium, Peru & Gambia)

Low dose primaquine efficacy and safety: A review and individual patient data meta-analysis

Humphreys G.S. on behalf of the WWARN Single Low Dose Primaquine Study Group (UK)

HRP-2 based RDTs performance among febrile pregnant women in area of high transmission area

Tahita M.C., Sorgho H., Bamba S., Lompo P., Traore M., Tinto H. (Burkina Faso)

The consequences of censoring new infections when deriving antimalarial efficacy against uncomplicated P. Falciparum malaria

Dahal P. on behalf of the WWARN Methods Study Group (UK)

Drug discovery towards the eradication of malaria: Harnessing the power of a global network of partners

Willis P.A. (Switzerland)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **3OS2 - New Clinical Developments of Antimalarials****Organisers:**

Dr. Carsten Köhler, President of the German Society for Tropical Medicine and International Health (DTG) and Director of Center of Excellence for Tropical Medicine in the state of Baden-Württemberg; Professor Dr. Peter G. Kremsner, Co-partner site speaker of the German Center for Infection Research (DZIF) Tübingen and Director of Institute of Tropical Medicine, University of Tübingen; Tübingen, Germany

15.00 **Coffee Break**15.30 **8S1 - Malaria in Pregnancy****Malaria in pregnancy preventive treatments may provide additional protection against febrile illnesses during the first year of life**

Natama H.M., Rovira-Vallbona E., Sorgho H., Somé M.A., Coulibaly-Traoré M., Schallig H.D.F.H., D'Alessandro U., Kestens L., Tinto H., Rosanas-Urgell A. (Burkina Faso, Belgium, The Netherlands & Gambia)

Safety of antimalarial drug use during early pregnancy in Bobo Dioulasso: Examining low birth weight and congenital malformations as potential adverse outcomes

Rouamba T., Kpoda H., Valéa I., Mens P.F., Gomes M., Tinto H., Kirakoya-samadoulougou F. (Burkina Faso, Belgium, The Netherlands & Switzerland)

Optimal duration of follow-up for assessing efficacy of drugs for uncomplicated falciparum malaria in pregnancy in Asia: A systematic review and individual patient data meta-analysis

Saito M., Dahal P., Tyrosvoutis M. E. G., Stepniwska K., Humphreys G.S., Paw M.K., Pimanpanarak M., Nosten F., Guerin P. J., McGready R. (UK & Thailand)

Malaria screening during pregnancy with RDTs performed by community health workers in Nanoro, Burkina Faso

Ruizendaal E., Schallig H.D.F.H., Traore M., Lompo P., Magloire, N.H., Traore O., Valea I., Pagnoni F., Dierickx S., Scott S., Bradley J., d'Alessandro U., Tinto H., Mens, P.F. (The Netherlands Burkina Faso, Switzerland, Belgium, Gambia & UK)

Malaria is more prevalent than iron deficiency among anemic pregnant women at the first antenatal visit in rural South-Kivu

Bahizire E., Tugirimana P.L., Dramaix M., Zozo D., Bahati M., Mwale A., Meuris S., Donnen P. (DRC, Belgium, Kenya & Rwanda)

17.00 **8S2- Malaria in Children****Delivery strategies of malaria chemoprevention for post-discharge management of children with severe anaemia in Malawi**

Gondwe T., Robbestad B., Mukaka M., Banda S., Lange S., Blomberg B., Phiri K.S. (Malawi, Norway & USA)

Impact of a malaria rapid diagnostic test detecting Plasmodium falciparum-specific histidine-rich protein-2 (RDT-PfHRP2) on the management of febrile children under-5 years of age in a high seasonal malaria transmission area

Kiemde F., Bonko A., Tahita M.C., Lompo P., Boele van Hensbroek M., Tinto H., Mens P.F., Schallig H.D.F.H. (Burkina Faso & The Netherlands)

Safety of artesunate-amodiaquine combined with methylene blue or primaquine for the treatment of uncomplicated falciparum malaria in young African children: A randomised controlled non-inferiority trial

Mendes Jorge M., Meissner P., Ouermi L., Coulibaly B., Nebie E., Compaoré G., Kieser M., Klose C., Krisam J., Mockenhaupt F., Sie A., Müller O. (Germany & Burkina Faso)

A qualitative study of the acceptability of weekly iron supplementation prior to the first pregnancy in Burkina Faso

Compaore A., Gies S., Brabin B.J., Tinto H., Brabin L. (Burkina Faso, Belgium, Germany, UK & The Netherlands)

Malaria risk in in young children after periconceptional iron supplementation of mothers in rural Burkina Faso

Gies S., Diallo S., Tinto H., Brabin L., Roberts S., D'Alessandro U., Brabin B.J. (Belgium, Germany, Burkina Faso, UK; Gambia and The Netherlands)

Impact of micronutrient powders combined with malaria chemoprevention on anemia, malaria and cognitive development: a cluster-randomized study in Malian children

Diarra N.H., Roschnik N., Sacko M., Dicko Y., Verhoef H., Saye R., Lal S., Jones R., Boivin M., Clarke S.E. (Mali, UK, The Netherlands; UK and USA)



10.30 **4S1 - Elimination of Human African Trypanosomiasis****Innovative methods of case finding to achieve elimination of human African trypanosomiasis in the Democratic Republic of Congo**

Mpanya A., Claeys Y., Fukinsia A., Snijders R., Makabuza J., Boelaert M., Lutumba P., Lumbala C., Hasker E. (DRC & Belgium)

Development of a framework for integrated passive surveillance to drive elimination of human African trypanosomiasis in Kongo Central province, DRC

Lumbala C., Kayembe S., Bessell P.R., Picado A., Biéler S., Ndung'u J.M. (DRC, UK & Switzerland)

The conflict in South Sudan: A threat to the elimination of *gambiense* human African trypanosomiasis in Uganda?

Wamboga C., Picado A., Waiswa C., Matovu E., Torr S., Biéler S., Katz Z., Bessell P.R., Ndung'u J.M. (Uganda, Switzerland & UK)

A strategy combining passive screening and reactive screening to control human African trypanosomiasis during the Ebola crisis in Guinea

Camara O., Camara M., Bucheton B., Camara M., Biéler S., Ndung'u J.M. (Republic of Guinea, France & Switzerland)

Adding Tsetse control to medical activities contributes to decreasing transmission of sleeping sickness in the mandoul focus (chad)

Rayaisse J.B Mahamat H. M., Peka M., Rock K. S., Tirados I., Courtin F., Mahamat H. M., Torr S. J., Lehane M. J., Solano P. (Burkina Faso, Chad, UK & France)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **4OS1 - Phase II/III results for fexinidazole, the first oral treatment for human African trypanosomiasis (HAT)****Organiser:**

Nathalie Strub-Wourgaft, Drugs for Neglected Diseases *initiative*, Geneva, Switzerland

15.00 Coffee Break

15.30 **4S2 – Outbreak surveillance and response****Developing and operationalizing national-level early warning and response systems (EWARS) for dengue and other *Aedes*-borne arboviral diseases**

Piero Olliaro, Axel Kroeger, Yesim Tozan, Joacim Rocklöv (Switzerland, Germany, USA & Sweden)

Why the outbreak of Ebola virus disease in West Africa could have been detected one month - not three - after patient zero and lessons learned for surveillance systems strengthening

Badenschier F. (Germany & UK)

Catching the risk of measles outbreaks in a clustered society

Willem L., Verelst F., Kuylen E., Abboud L. A., Bicke J., Hens N., Broeckhove J., Beutels P. (Belgium & Australia)

Investigation and prevention against Monkeypox in Mefou Primate Sanctuary, Cameroon, 2016

Moundjoa C., Amabo F., Nansu R., Metomb S., Abah Abah A., McCollum A., Etoundi A., Mathieu E. (Cameroon)

A One HEALTH team to improve Monkeypox virus outbreak response: An example from the Democratic Republic of the Congo

Laudisoit A., Verheyen E., Baelo P., Akonda I., Nebesse C., Ngoy S., Gembu G., Tepage F., Muyembe J.J., Alworonga O., Mande D., Angotolwa Z., Leirs H., Ngbonda D., Colebunders R. (Belgium, UK and Democratic Republic of Congo)

The association of cholera outbreak with conflict-related factors in Yemen

Dureab F., Shabib K., Jahn Albrecht (Germany)

17.00 **4S3 – Spatial analysis approaches in support of disease control****Considering the spatial heterogeneity of dengue transmission for designing an *Aedes* control strategy**

Vanlerberghe V., Toledo M.E., Ocampo C., Manrique-Saide P., Honorio N., Vazquez-Prokopec G., Mirabal M., Alexander N., Frutuoso R.L., Van der Stuyft P. (Belgium, Cuba, Colombia, Mexico, Brazil & USA)

Digitalization and planning of active HAT screening in the Democratic Republic of Congo to reach elimination

Claeys Y., Makabuza J., Mpanya A., Boelaert M., Lutumba P., Lebuki J., Hasker E., Lumbala C. (Belgium & Democratic Republic of Congo)

Modelling to support the planning of malaria elimination in southern Palawan, the Philippines

Briët O.J.T., Angluben R., Torno M., Navarro M.A.H., Deray R., Schapira A. (Switzerland & Philippines)

Mapping of leprosy cases as a tool for rationalizing contact screening

Epco Hasker, Abdallah Baco, Assoumani Younoussa, Aboukacar Mzembaba, Zahara Salim, Mohamed Amidy, Saverio Grillone, Tine Demeulenaere, Nimer Ortuno-Gutierrez, Guido Groenen, Philip Suffys, Bouke de Jong (Belgium, Comoros & Brazil)

A spatial decision support system approach to implementing malaria surveillance as a core intervention activity in high priority Vietnam

Sara E. Canavati, Vo Huu Thuan, Thinh Ngo Duc, Duong Thanh Tran, Thang Duc Ngo, Gerard Kelly, Nicholas J Martin (Vietnam, Australia, Finland & Singapore)



10.30 **5S1 - Patients and Communities**

Is health protected: Life histories of vulnerable groups in fragile and conflict-affected situations
Fustukian, S., Vidal, N., O'May F., Amara, R., Buzuzi S., Ros B., Ssali S., McPake B. (UK, Sierra Leone, Zimbabwe, Cambodia, Uganda & Australia)

10 years of research on India's ASHA program: A literature review framing health systems interfaces supporting a national community health worker program
Scott K., George A., Singh S., Gupta G., Ummer O., Ved R. (India & South Africa)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **5S2 - Health Services into Health Service Organisations**

Developing a quality of care approach for district hospitals in the DR Congo
Paul De Caluwe, Alain Forest, Kambale Kiputsu, Jean-Pierre D'Altilia, Isaline Greindl (Belgium)

Ruling the service delivery: An institutional ethnography of integrated NCD program in India
Vikash Kumar (UK)

The politics of the basic benefit package reforms in Tajikistan: Health governance constraints in neo-patrimonial settings
Eelco Jacobs (The Netherlands & Switzerland)

15.00 **Coffee Break**15.30 **5OS1 - Patient Centered Care (PCC)****Organisers:**

Prof. Bart Criel (ITM, Public Health Department and chair of the Be-cause Health People-Centered Care working group)
Evelyne Waweru (ITM, PhD student, Public Health Department)

17.00 **5S3 - Health Policies**

Supporting community health worker programs at scale: Lessons from policy reforms shaping the evolution of India's ASHA program
Ved R., Scott K., Gupta G., Ummer O., Srivastava A., George A. (India & South Africa)

Assessing and preparing health systems for integration of services in low- and middle-income countries – A systematic review
Topp S.M., Abimbola S., Joshi R., Negin J. (Australia)

Models of engagement between the state and faith sector in Sub-Saharan Africa: A systematic review
Whyte, E.B., Olivier, J. (South Africa)

State to the test of trust: Implementation of a public fee exemption policy in non-state facilities in Benin
Dossou J.P., Marchal B. (Benin & Belgium)



10.30

5OS2 - Experiences in Capacity Building in Public Health Institutes in Low-Income Countries, putting local public health institutes in the lead of research for policy development

Organiser:

European Commission, International Cooperation and Development-EuropeAid – Supporting Public Health Institutes Programme (SPHIP)

12.00

Lunch Break & Poster Tour (12.30 - 13.30)

13.30

6OS1 - Building capacity for policy influence and health systems management: Experiences from two European Union funded programmes in Democratic Republic of Congo and in Uganda

Organisers:

The RIPSEC (Uganda) and the SPEED (Democratic Republic of Congo) Partnerships

15.00

Coffee Break

15.30

6OS6 - Health cooperation beyond aid

Organisers:

Remco van de Pas, Board member
 Medicus Mundi International Network – Health for All (MMI), Basel, Switzerland
 Tim Roosen, Coordinator
 Be-Cause Health. Belgian Platform for International Health, Antwerpen, Belgium

17.00

4S4 – Biosocial approaches in disease control

Micro-epidemiology of malaria exposure in Central Vietnam: A mixed-methods case study

Melanie Bannister-Tyrrell, Nguyen Xuan Xa, Nguyen Van Van, Vu Khac Anh Dung, Truong Minh Hieu, Nguyen Van Hong, Johanna Helena Kattenberg, Eduard Rovira-Vallbona, Tran Thanh Duong, Anna Rosanas Urgell, Koen Peeters Grietens, Annette Erhart (Belgium, Vietnam & Gambia)

An inductive analysis of acceptability studies targeting arbovirus diseases and malaria interventions. Contributing to building frameworks and methodological approaches

Lefèvre P. Pérez D., Van der Stuyft P., Degroote S., Marchal B., Ridde V. (Belgium, Cuba & Canada)

Why would antiretroviral treatment adherence clubs work in the Western Cape Province, South Africa?

Mukumbang F.C., Van Belle S., Marchal B., Van Wyk B. (South Africa & Belgium)

Community participation in mosquito breeding site control: A multidisciplinary mixed methods study in Curaçao

Elsinga J., van der Veen H.T., Gerstenbluth I., Burgerhof J.G., Grobusch M.P., Dijkstra A., Tami A., Bailey A. (The Netherlands, Netherlands Antilles & India)

Including refugees in disease elimination: Challenges observed from a sleeping sickness programme in Uganda

Palmer J.J., Robert O., Kansiime F. (UK & Uganda)



10.30 **1S1 - Diagnostics 1 - Serology and Hemo-Culture****Re-defining blood culture for resource-limited settings: Developing draft target product profiles for simplified diagnostics**

Dailey P., Osborn J., Martino R., Isaacs C., Dittrich S. (Switzerland & USA)

Prospective evaluation of a rapid diagnostic test for *gambiense* human African trypanosomiasis developed using recombinant antigens in the Democratic Republic of the Congo

Lumbala C., Biéler S., Kayembe S., Makabuza J., Ongarello S., Ndung'u J.M. (Democratic Republic of Congo & Switzerland)

Finding Mimo: Developing an alternative rapid test for the serodiagnosis of visceral leishmaniasis in Eastern African populations

Kühne V., Diro E., El-Safi S., Büscher P. (Belgium, Ethiopia & Sudan)

Visceral leishmaniasis: a combined wet-lab and in silico approach to the discovery of biomarkers of disease progression and post-chemotherapy relapse

Bremer Hinckel B.C., Marlais T., Airs S., Imamura H., Dujardin J.C., Falconar A.K., Bhattacharyya T., Andersson B., Mertens P., Miles M.A. (Belgium, UK, Colombia & Sweden)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **1S2 - Diagnostics 2 - DNA-Based Assays****Combination of random isothermal amplification and nanopore sequencing for rapid identification of the causative agent of an outbreak**

Hansen S., Faye O., Faye M., Sanabani S.S., Pessôa R., Faye O., Böhlken-Fascher S., Sall A.A., Weidmann M., Czerny C.P., Abd El Wahed A. (Germany, Senegal, Brazil & UK)

Loop-mediated isothermal amplification for asymptomatic malaria diagnosis in the peruvian amazon: Technical performance and pilot implementation in challenging field settings

Serra-Casas E., Manrique P., Ding X.C., Carrasco G., Alava F., Gave A., Contreras J.J., Rosas-Aguirre A., González I.J., Gamboa D., Rosanas-Urgell A. (Belgium, Peru & Switzerland)

Dry reagent-based loop-mediated isothermal amplification for confirmation of buruli ulcer using a portable fluorimeter

Beissner M., de Souza D.K., Maman I., Saar M., Zwirgmaier K., Wiedemann F., Bretzel G., Ndung'u J.M., Cruz I., Ablordey A. (Germany, Ghana, Togo & Switzerland)

Role of next generation sequencing in tuberculosis diagnostics: Resolving the clinical dilemma of discrepancies in laboratory findings

Van der Spoel van Dijk A., Hallbauer U.M., Mahonono C., Nyaga M., Baba K. (South Africa)

15.00 **Coffee Break**15.30 **3OS3 - Raising standards and quality of Parasite diagnostics in non-endemic clinical settings using molecular and lateral flow technologies****Organisers:**

Prof Peter L Chiodini and Dr Jaya Shrivastava

Institution: UKNEQAS Parasitology

Organisations: University College London Hospitals and Public Health England

17.00 **3OS4 - New developments in the diagnosis of imported parasitic infections in Europe****Organisers:**

Lisette van Lieshout (MSc, PhD)

Dept. of Parasitology, Leiden University Medical Center (LUMC), RC Leiden, The Netherlands

Marjan van Esbroeck (MD)

Institute of Tropical Medicine (ITM), Antwerp, Belgium



10.30 **2S1 - Surveillance arboviruses****Enso and warmer temperatures are related with major outbreaks of Dengue in Venezuela**

Vincenti-Gonzalez, M.F., Lizarazo E.F., Friedrich A., Tami A., Grillet M.E. (The Netherlands & Venezuela)

West Nile surveillance and response in Italy: A one health approach

Parodi P., Rizzo C., Albonico M., Calzolari M., Chiari M., Capelli G., Casalone C., Angelini P., Monaco F., Maraglino F. (Italy)

Effects of land use on the ecology of arbovirus-aedes mosquitoes in oil palm plantation areas in Southeastern Côte d'Ivoire

Zahouli B.Z.J., Koudou G.B., Müller P., Malone D., Tano Y., Utzinger J. (Switzerland, Côte d'Ivoire & UK)

Surveillance of mosquito-borne viruses with honey-baited FTA cards in an area of low virus prevalence

Wipf N., Guidi V., Guedes D.R.D., Barbosa R.M.R., Tonolla M., Engler O., Müller P. (Switzerland & Brazil)

Spatial dynamics of Chikungunya transmission in northern Venezuela: The first six months of the epidemic

Lizarazo E.F., Vincenti-Gonzalez M.F., Diaz O., Ojeda N., Rangel M.A., Bethencourt S., Friedrich A., Grobusch M.P., Tami A., Grillet M.E. (The Netherlands & Venezuela)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **2S2 - Vectors and transmission of arboviruses****Antiviral drug-resistant Chikungunya viruses can be transmitted by their mosquito vectors**

Delang L., Yen P., Vazeille M., Neyts J., Failloux A. (Belgium & France)

HarmVect: A simulation based tool for pathway risk maps of invasive arthropods in Belgium - Case study: *Aedes albopictus*

Jansen F., Berkvens N., Deblauwe I., Van Loo T., Casteels H., Witters J., Van Damme V., Berkvens D. (Belgium)

Urbanisation drives the ecology of immature aedes mosquitoes in arbovirus-foci in South-Eastern Côte d'Ivoire

Zahouli B.Z.J., Koudou G.B., Müller P., Malone D., Tano Y., Utzinger J. (Switzerland, Côte d'Ivoire & UK)

Invasive mosquito species surveillance in Belgium: Towards a structural plan

Deblauwe I., Demeulemeester J., Sohler C., Van Loo T., De Witte J., Madder M., Coosemans M. (Belgium, South Africa & The Netherlands)

Expanding IR Mapper: Mapping insecticide resistance in *Anopheles* species, *Aedes aegypti* and *Aedes albopictus*

Hadi M.P., Athinya, D.K., Omondi S.A., Ochomo E.O.², Pates Jamet H. (Kenya & USA)

15.00 **Coffee Break**15.30 **2S3 - Trematodes*****Opisthorchis viverrini* and a novel sister species in ducks share the same intermediate snail and fish hosts in Central Vietnam**

Dao T., Nguyen T., Dermauw V., Gabriel S., Dorny P. (Vietnam & Belgium)

Human and animal trematode infections in a mobile pastoralist setting at lake chad: Added value of a one health approach beyond zoonotic diseases research

Greter H., Batil A. A., Ngandolo B. N., Alfaroukh I. O., Moto D. D., Hattendorf J., Utzinger J., Zinsstag J. (Switzerland & Chad)

Dynamics of *s. haematobium* and *s. mansoni* infection and morbidity: An eight-year follow-up study in a rural community in the north of Senegal

Meurs L., Mbow M., Vereecken K., Van den Broeck F., Mpabanzi L., Boon N., Huyse T., Polman K. (Belgium & Senegal)

Incorporating the ecology of intermediate hosts of schistosomiasis into spatially explicit models of disease transmission in seasonal climates

Perez-Saez J., Mande T., Ceperley N., Bertuzzo E., Mari L., Gatto M., Rinaldo A. (Switzerland & Italy)

Transmission and hybridisation dynamics of *Schistosoma haematobium* in the Senegal River Basin: No barrier breakdown between human and cattle schistosomiasis?

Boon, N., Mbow, M., Paredis, L., Maes, T., Moris, P., Mboup, S., Volckaert, F., Boissier, J., Polman, K., Huyse T. (Belgium, Senegal & France)

17.00 **2S4 - Oncho & Modelling****An update of blackfly (Diptera: Simuliidae) vectors and *Onchocerca volvulus* transmission in Mahenge, south eastern Tanzania**

Kalinga A., Krüger A., Pfarr K., De Witte J., Post R.J., Mwingira U., Colebunders B., Dujardin J.C., O'Neill S., Henty A. (Belgium, Germany, UK & Tanzania)

Onchocerciasis associated epilepsy in the Ituri and Tshopo province in the Democratic Republic of the Congo: A case-control study

Mandro M., Hasan M., Tepage F., Rossy D., Ngave F., Mambandu G., Kashama J.M., Laudisoit A., Colebunders R., Suykerbuyk P. (DRC, Belgium & UK)

Mathematical modelling of transmission dynamics of *Opisthorchis viverrini*

Bürli C., Harbrecht H., Odermatt P., Sayasone S., Chitnis N. (Switzerland & Lao PDR)

Estimating age-time dependent malaria force of infection accounting for unobserved heterogeneity

Hens, N., Mugenyi, L., Abrams, S. (Belgium & Uganda)

Mathematical modelling of dog rabies transmission in N'Djaména, Chad

Laager M., Mbilo C., Léchenne M., Zinnstag J., Chitnis N. (Switzerland)



10.30 **8S3 - Sexual and Reproductive Health Rights****Critical reflections on srhr policies and law**

Bosmans M., Gyselincx K., Van Bastelaere S., Bossyns P. (Belgium)

Evaluating DANIDA's global SRHR policy: Tracing accountability pathways at the global policy level

Mayhew, S., Van Belle, S. (Belgium)

Processes behind promoting awareness of rights for quality maternal care services: A synthesis of stakeholder experiences and implementation factors

George A. (South Africa)

Body & rights – E-learning on sexual and reproductive health and rights for stakeholders of development cooperation

Van Braeckel Dirk, Blondeel Karel, the working group on sexual and reproductive health and rights of Because health, the Belgian platform on International Health (Belgium)

Academic network for sexual and reproductive health and rights policy (ANSER)

Degomme O., Michielsens K., Van Braeckel D. (Belgium)

Addressing unsafe abortion in Benin: Why is the current policy inappropriate?

Dossou J.P., Kanhonou L., Bello K. Goufodji S. (Benin & Belgium)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **8S4 - Sexual and Reproductive Health****Sexual practices among men who have sex with men in Kinshasa, DRC**

Mukadi D., Sabi L., Nsalaba H., Dilu A., Lasse J., Manienga H., Nkuba A., Aloni M., Muyembe-Tamfum J.J., Ahuka-Mundeke S. (DRC)

Socioeconomic counters of intimate partner violence and impact on reproductive health services in India

Gogoi M., Kumar A. (India)

Post circumcision beliefs influencing sexual behaviour among men in Wakiso district, Uganda

Simon P.S. Kibira, Lynn M. Atuyambe, Ingvild F. Sandøy, Fredrick E. Makumbi, Marguerite Daniel (Norway & Uganda)

"Never trust an open door" - Controversies of sexual pleasure, pain and Female Genital Mutilation among African migrants in Belgium, the Netherlands and the UK

Zewolde S., Florquin S., Bos M., Dubourg D., Richard F., O'Neill S. (UK, Belgium & The Netherlands)

15.00 **Coffee Break**15.30 **8OS1 - Abortion and post abortion care: Politics, religion, public health, health care and legal systems****Organisers:**Maria Lisa Odland, Norwegian University of Science and Technology, Trondheim, Norway
Johanne Sundby, University of Oslo, Oslo, Norway17.00 **8S5 – HIV****Same day ART initiation versus clinic-based pre-ART assessment and counselling for individuals newly tested HIV-positive during community-based HIV testing in rural Lesotho – A randomized controlled trial (CASCADE trial): Preliminary results**

Labhardt N.D., Ringera I., Lejone T.I., Klimkait T., Muhairwe J., Cerutti B., Glass T.R. (Switzerland & Lesotho)

Prevention of mother-to-child transmission of HIV: Postpartum adherence to option B+ until 18 months in Western Uganda

Theuring S., Decker S., Rempis E., Schnack A., Braun V., Rubaihayo J., Busingye P., Tumwesigye N.M., Harms G. (Germany & Uganda)

Factors associated with loss to follow-up among women in Option B_PMTCT programme in northeast Ethiopia: A retrospective cohort study

Israel M., Mastewal A., Yonatal Mesfin, Muluken G. (Ethiopia)

Screening of human Papillomavirus, cervical cytological abnormalities and associated risk factors in HIV-positive and HIV-negative women in Rwanda

Manzi O.M. (Rwanda)

HIV prevalence declines in Southern Africa: Have we misread the landscape?

Loevinsohn M.E. (The Netherlands)



10.30 **9S1 - Emerging Voices**

Detailed programme TBC

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **9S2 - Student initiatives – Ways of creating an international environment: Four alternative ways to improve internationalization at home****Organisers:**

BeMSA Ghent, medical students

15.00 Coffee Break

15.30 **9S3 - Training on neglected tropical diseases: Are you brave or crazy?****Organiser:**

EuroLeish.net, Marie Sklodowska-Curie – Innovative Training Network, Coordinated by ISGlobal, Barcelona, Spain

17.00 **3OS5 - Nodding syndrome: Interdisciplinary findings and ways forward in prevention and treatment****Organisers:**Sarah O'Neill, Medical Anthropology Unit, Institute of Tropical Medicine, Belgium
Robert Colebunders, Global Health Institute, University of Antwerp, Belgium
Koen Peeters, Medical Anthropology Unit, Institute of Tropical Medicine, Belgium10.30 **3OS6 - Integrating Mental Health into Local Health Systems (LHS): Low and Middle Income Country (LMIC) experiences****Organisers:**Nandini D.P. Sarkar and Bart Criel
Equity and Health Unit, Department of Public Health
Institute of Tropical Medicine, Antwerp, Belgium

Programme at a glance - Wednesday 18/10

Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
08.30 - 10.00	Plenary Talks					
10.00	Coffee Break					
10.30 - 12.00	50S3 Poor quality medicines: a hidden threat to health systems and international health	30S7 How to stop global antibiotic resistance?	4S5 Malaria: From control to elimination?	5S5 Risk Factors and NCD	5S6 Human Resources into Health Workforce	1S3 Molecular Biology and Epidemiology - Before whole genome sequencing
12.00	Lunch Break & Poster Tour (12.30 - 13.30)					
13.30 - 15.00	5S4 Drugs, Diagnostics & Supplies	3S4 Antibacterial resistance	40S3 Targeted malaria elimination in the Greater Mekong Subregion using mass drug administrations	50S4 Tackling the non-communicable disease epidemics in low- and middle income countries	50S5 Human resources for health in low income countries and complex settings: an opportunity to address global challenges?	1S4 Molecular Biology and Epidemiology - 2nd generation tools: whole genome sequencing and hereafter
15.00	Coffee Break					
15.30 - 17.00	70S1 How does global trade impact health? Panel debate	30S8 Non-malarial Febrile illness in the Tropics: the ultimate clinical challenge?	2S5 Malaria vectors and transmission	70S2 Refugee mental health in the global south and north: current research and best practices	5S7 Data	10S2 Genomics in the tropics: the example of Salmonella
17.00 - 18.30	Pemièrre screening of a film on Peter Piot's life and work					

Programme at a glance - Wednesday 18/10

Time	Room 7	Room 8	Room 9	e-Room 1	e-Room 2
08.30 - 10.00					
10.00	Coffee Break				
10.30 - 12.00	40S4 Using the One Health Concept for preparedness of Emerging Diseases	8S6 Child Mortality	5S8 Financing	60S2 Collaborative initiatives for capacity building and education	
12.00	Lunch Break & Poster Tour (12.30 - 13.30)				
13.30 - 15.00	2S6 Zoonoses	8S7 Child Health Problems	50S6 Scratching beyond the surface: methods for and cases of under-documented issues in Performance-Based Financing (PBF)	60S3 Collaborative initiatives for capacity building and education	80S2 Crisis in the Mediterranean: Trainign health care providers for working with refugees, forced migrants and asylum seekers
15.00	Coffee Break				
15.30 - 17.00	30S9 Hepatitis c care in resource-constrained settings. Do we have a scalable public health approach anno 2017?	4S6 NTD elimination through mass drug administration	50S7 Strategic financing: Concept and field applications from 6 partner countries	Journalism session The impact of science and journalism on global health	
17.00 - 18.30					

08.30 **Plenary Talks****Speakers:**

Paul Newton, University of Oxford, UK and LOMWRU, Laos
Hans V. Hogerzeil, Groningen University, The Netherlands

10.30 **5OS3 - Poor quality medicines: A hidden threat to health systems and international health****Organisers:**

Raffaella Ravinetto, Medicines Working Group of Be-cause Health, Brussels, Belgium
Cécile Cortina, QUAMED ASBL

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **5S4 - Drugs, Diagnostics & Supplies****The quality of artemether-lumefantrine combination and characteristics of pharmacies in the Periurban areas of Kinshasa**

Mavungu Landu D.J., Liégeois S., Manzambi Kuwekita J., Mbinze J., Mavungu Nsiona J., Hubert P., Michel B., Reginster J.Y., Frédéric M., Marini Djang'Eing' A. R. (Belgium & DRC)

The impact of local private distributors on quality of medicines available in non African low- and middle-income countries

Van Assche K., Nebot Giralt A., Caudron J.M., Ravinetto R. (Belgium & France)

How the quality strategy can tackle the challenges of procuring medicines in weak regulatory environments: The experience of a sub-Saharan African Procurement Centre

Raffaella Ravinetto, Paul Singh Lotay, Olivier De Santi (Kenya)

A health system perspective to improving pharmaceutical supply: Lessons from Zimbabwe

Carasso K.B., Naylor M., Ngwaru T., Caffrey M., Witter S. (Belgium, UK & South Africa)

15.00 **Coffee Break**15.30 **7OS1: How does global trade impact health? Panel debate****Organisers:**

Peter Eerens, Living Health Systems, Brussels, Belgium; working group 'Social Determinants of Health' of Be-Cause Health, Brussels, Belgium
Liesbet Vangeel, Policy Dept., FOS, Brussels, Belgium; working group 'Social Determinants of Health' of Be-Cause Health, Brussels, Belgium

17.00 **World premiere of *No Time to Lose*, a film focusing on Peter Piot's research**

Followed by an interview with Peter Piot
led by Andrew Jack, Editor of Curated Content at the Financial Times and member of the Global Health Film Initiative Advisory Board

10.30 **3OS7 How to stop global antibiotic resistance? How to translate the WHO Global Action Plan for the field reality of low-resources settings?****Organiser:**

Bacterial Infections in the Tropics (BIT) research cluster, ITM Antwerp
In collaboration with University of Antwerp and Radboudumc, Nijmegen, The Netherlands

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **3S4 - Antibacterial resistance****Asymptomatic bacteriuria in pregnant women as a proxy for antibiotic resistance surveillance in the community: Preliminary results from a study in Nanoro, rural Burkina Faso**

Issa G., Palpouguini L., Post A., Barbara B., Tinto, H., Jacobs, J. (Burkina Faso & Belgium)

Is intestinal colonization with third-generation cephalosporin resistant enterobacteriaceae endemic in Ghanaian communities of West Africa?

Obeng-Nkrumah N., Hansen S.D., Awuah-Mensah G., Blankson N.K., Frimodt-Møller N., Newman M.J., Krogfelt K.A. (Ghana & Denmark)

Meta-analysis of proportion estimates of extended-spectrum-beta-lactamase-producing *Enterobacteriaceae* in East Africa hospitals

Sonda T., Kumburu H., van Zwetselaar M., Alifrangis M., Lund O., Kibiki G., Frank Aarestrup F. M. (Tanzania & Denmark)

Antibiotics under pressure: Azithromycin as malaria treatment, fluoroquinolones in TB treatment and co-trimoxazole for HIV-patients: How to balance increased use with the risk of emerging resistance in reserve antibiotics?

Vlieghe E. (Belgium)

15.00 **Coffee Break**15.30 **3OS8 - Non-malarial Febrile Illness in the Tropics: The ultimate clinical challenge?****Organiser:**

Department of Clinical Sciences, Institute of Tropical Medicine, Antwerp, Belgium



10.30 **4S5 – Malaria: From control to elimination?****Pregnant women as sentinels: a pragmatic approach to malaria surveillance**

Brunner N.C., Chacky F., Mandike R., Mohamed A., Lengeler C., Molteni F., Hetzel M.W. (Switzerland, United Republic of Tanzania)

Impact of mass drug administration on clinical malaria in a setting of seasonal transmission and high coverage of control interventions

Julia Mwesigwa, Jane Achan, Mariam Wathou, Fatoumatta Kanuteh, Archibald Worwui, Muna Affara, Jean-Pierre Van geertruyden, Umberto D'Alessandro (Gambia, Belgium & UK)

Harnessing the wisdom of crowds to inform health spending: The case of malaria eradication

Brew J.R., Pradhan M.P., Sicuri E. (Spain, The Netherlands & UK)

School-based malaria prevalence survey: important longitudinal surveillance tool to assess epidemiological impact of malaria control interventions in the Democratic Republic of the Congo

Edouard Kawawa Swana, Betty Mupemba, Suprianto, Paul Makan Mawaw, Thierry Yav, Clarence Kaut Mukeng, Izak Hattingh, Oscar Numbi Luboya, Jean-Baptiste Sakatolo Kakoma, Michael J. Bangs (DRC & Indonesia)

Epidemiological profile of malaria transmission in the Brazilian Amazon, 2010-2015

Canelas T., Castillo-Salgado C., Ribeiro H. (Brazil & USA)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **4OS3 - Targeted malaria elimination in the Greater Mekong Subregion using mass drug administrations****Organiser:**

Lorenz von Seidlein, Mahidol-Oxford Tropical Medicine Research Unit (MORU)
Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand

15.00 **Coffee Break**15.30 **2S5 - Malaria vectors and transmission****Entomological indices of *Plasmodium falciparum* transmission in Sahelian area before panafrikan Great Green Wall initiative implementation, Burkina Faso, West Africa**

Sangare I., Soma D.D., Ouattara L.E.P., Bonkian L.N., Yameogo K.B., Yerbanga R.S., Faye B., Diabate A., Lefevre T., Dabire Kr. (Burkina Faso & Senegal)

Pharmacokinetic and pharmacodynamic modeling for the prediction of the mosquitocidal effect duration of high-dose ivermectin (The IVERMAL PK/PD Model)

Smit M.R., Ochomo E.O., Waterhouse D., Kwambai T.K., Abong'o B.O., Bousema T., Bayoh N.M., Gimnig J.E., Samuels A.M., Desai M.R., Phillips-Howard P.A., Kariuki S.K., Wang D., ter Kuile F.O., Ward S.A., Aljayyousi G. (UK, Kenya, The Netherlands & USA)

The effectiveness of a topical repellents and long-lasting insecticidal nets on mosquito populations in a malaria pre-elimination setting of Cambodia

Mao S., Durnez L., Coosemans M. (Cambodia & Belgium)

Evidence of cuticular resistance to pyrethroids in *Anopheles gambiae*

Cornelie S., Yahouédo G.A., Rossignol M., Ginibre C., Balabanidou V., Garcia Albeniz Mendez N., Pigeon O., Vontas J., Chandre F. (France, Greece & Belgium)

Science and nature: Susceptibility of wild caught adult *Anopheles gambiae* s.s. to insecticides may not decrease with age

Opondo K., Donnelly M. J., Jawara M., Fofana A., Mwesigwa J., Crombe F., D'Alessandro U., Weetman D. (Gambia & UK)

Bringing quality assurance for indoor residual spraying (IRS) into the 21st century: Improving IRS policy implementation

Gleave K., Coleman M., Mbokazi F., Kok G., Coetzee M., Saaiman M., Paine M., Foster G. (UK & South Africa)



10.30 **5S5 - Risk Factors and NCD****Tracing Africa's progress towards implementing the Non-Communicable Diseases Global action plan 2013-2020: A synthesis of WHO country profile reports**

Nyaaba G.N., Stronks K., de-Graft Aikins A., Kengne A.P., Agyemang C. (The Netherlands, Gana & South Africa)

Assessment of diabetes care in the municipalities of Cardenas and Santiago (Cuba)

Londoño Agudelo E., Rodríguez Salvá A., Seuc Jo A., Díaz Piñera A., Maldonado Cantillo G., Balcindes Acosta S., Van der Stuyft P. (Belgium & Cuba)

Preparedness of lower level health facilities for outpatient primary care of Hypertension in Tanzania: Evidence from Tanzania service provision assessment survey, 2014-2015

Mpondo B.C., Bintabara D. (Tanzania)

How are resource-limited countries addressing global versus national implementation challenges in diabetes prevention and control? *The Kenya experience*

Shiroya V.N., Deckert A., Mayeden S., Neuhann F. (Germany)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **5OS4 - Tackling the non-communicable disease epidemics in low- and middle income countries****Organisers:**

Josefien Van Olmen and Jeroen De Man
ITM, Public Health Department and the Be-cause Health NCD group

15.00 Coffee Break

15.30 **7OS2 - Refugee mental health in the global south and north: Current research and best practices****Organisers:**

Nandini D.P. Sarkar, Equity and Health Unit, Department of Public Health
Institute of Tropical Medicine, Antwerp, Belgium
Christiana Noestlinger, HIV and Sexual Health Unit, Department of Public Health
Institute of Tropical Medicine, Antwerp, Belgium

10.30 **5S6 - Human Resources into Health Workforce**

Nurse mentoring as a means to improve quality of obstetric care in Bihar, India
Srivastava S., Warren N., Mayra K., Rao K.D. (USA & India)

Acceptability of male midwives in Ethiopia: Findings of a national study

Abebe A., Lazaro D., Berhe A. (Ethiopia)

Factors associated with mental wellbeing of health workers in Malawi – Findings from a health worker survey using the WHO-5 Wellbeing Index

Lohmann J., Shulenbayev O., Wilhelm D., Brenner S., Kambala C., Muula A.S., De Allegri M. (Germany & Malawi)

Non-state providers responding to system changes: Exploring the adaptive capacities of faith-based health providers in the Ecuadorian health system

Ullauri A.N., Olivier J. (South Africa)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **5OS5 Human resources for health in low income countries and complex settings: An opportunity to address global challenges?****Organisers:**

Stefaan Van Bastelaere, Belgian Development Agency Brussels, Belgium
Anne Fromont, School of Public Health, Université Libre de Bruxelles, Brussels, Belgium
Bertone MP, ReBUILD & Institute for Global Health and Development, Queen Margaret University, Edinburgh, UK
Remco Van De Pas, Institute of Tropical Medicine, Antwerp, Belgium
Mit Philips⁵, Médecins Sans Frontières Operational Centre Brussels, Analysis department, Brussels, Belgium
Nimer Ortuño-Gutiérrez: Damien Foundation, Brussels, Belgium

15.00 Coffee Break

15.30 **5S7 – Data****The ALMANACH Project: Preliminary results and potentiality for Afghanistan**

Bernasconi A., Rossi R. Crabbé F., Qani I., Raab M., Du Mortier S. (Switzerland & Afghanistan)

mHealth for improving quality of antenatal care in Northern Ghana: The bliss4midwives project

Adepoju I.O.O., Douwes R., Abugnaba-Abanga R., van der Heiden M., Apentibadek N., Zweekhorst M., Bardaji A., van Roosmalen J., De Brouwere V. (The Netherlands, Belgium, Spain & Ghana)

Syndromic surveillance network in Senegal

Barry M.A., Talla C., Hedible B.G., Dia N., Senghor M.L., Ndoye B., Ba I.O., Sarr F.D., Niang M., Vray M. and for the 4S Network Group (Senegal)

Implementation of a web-based health information system: lessons learnt from a pilot study in the Free State Province, South Africa

Kheleroa S.M., Chikobvu P., Lenyehelo M.S., Tshilo T.R., Khajoane R., Setlogelo M., Heunis J.C., Kigozi N.G., Van Rensburg H.C.J., Nophale M. (South Africa)

A new vision for travel medicine: Using mHealth and data-driven analyses to drive innovation

Farnham A., Furrer R., Blanke U., Stone E., Puhan M.A., Hatz C. (Switzerland)



10.30 **1S3 - Molecular Biology and Epidemiology - Before whole genome sequencing**

Molecular epidemiology of *Plasmodium vivax* in Solomon Islands

Yi Wan Quah, Andreea Waltmann, Stephan Karl, Ventis Vahi, Andrew Darcy, Freda Pitakaka, Maxine Whittaker, Daniel J. Tisch, Alyssa E. Barry, Celine Barnadas, James Kazura, Ivo Mueller (Australia, Solomon Islands, USA & France)

Increase of mutations associated with SP resistance in *Plasmodium falciparum* isolates collected during pregnancy in Nanoro, Burkina Faso

Ruizendaal E., Mens, P.F., Tahita M., Geskus R.B., Versteeg I., Traore M., Lompo P., Derra K., Scott S., Bradley J., d'Alessandro U., Tinto H., Schallig H.D.F.H. (The Netherlands, Burkina Faso & Gambia)

***Plasmodium falciparum* causing febrile infections express EPCR-binding PfEMP1**

Sixbert Mkumbaye, Christian W. Wang, Jacob S. Jespersen, Jens E.V. Petersen, Reginald Kavishe, John Lusingu, Thor G. Theander, Thomas Lavstsen (Tanzania & Denmark)

Revealing the genetic diversity of mycobacterium tuberculosis strains causing tuberculous lymphadenitis in Southwest Ethiopia

Tadesse M., Abebe G., de Rijk P., Meehan C., de Jong B.C., Rigouts L. (Ethiopia & Belgium)

Detecting *Schistosoma mansoni* transmission using environmental DNA in water samples

Sengupta M.E., Hellström A.M., Kariuki H.C., Olsen A., Mejer H., Willerslev E., Kristensen T.K., Vennervald B.J. (Denmark, Sweden, Kenya & UK)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **1S4 - Molecular Biology and Epidemiology - 2nd generation tools: whole genome sequencing and hereafter**

Micro-epidemiological approach to understanding transmission dynamics of *Mycobacterium ulcerans* in the Ouémé river valley in southern Benin

Eddyani M., Vandellanootte K., Meehan C., Affolabi D., Aguiar J., Marion E., Sopoh G., Portaels F., de Jong B.C., Stinear T. (Belgium, Benin, Australia & France)

Clonal waves of meningococcal colonization and disease in the African meningitis belt: Emergence of a hypervirulent W:ST-2881(CC175) clone by capsule switching

Gerd Pluschke (Switzerland)

Zika virus genetic diversity and selective pressure: Importance for diagnostics, vaccines and therapeutics

Cuypers L., Libin P., Abecasis A., Vandamme A.M., Theys K. (Belgium & Portugal)

Direct sequencing of *Leishmania* genome in clinical samples

Domagalska M.A., Imamura H., Sanders M., Rijal S., Berriman M., Cotton J., Dujardin J.C. (Belgium, UK & Nepal)

15.00 Coffee Break

15.30 **1OS2 - Genomics in the tropics: the example of Salmonella**

Organiser:

Bacterial Infections in the Tropics (BIT) research cluster, ITM Antwerp (Belgium)



10.30

40S4 - Using the One Health Concept for preparedness of Emerging Diseases**Organisers:**

The Post-Ebola Resilience Project Consortium Partners
Ankie van der Broek, Jurrien Toonen and Ingrid Zuleta, KIT- Royal Tropical Institute, Amsterdam, The Netherlands
Maarten Voors, Wageningen University, Wageningen, The Netherlands
Kofi Bonney, Noguchi Memorial Institute for Medical Research, Accra, Ghana

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

2S6 – Zoonoses**Viral pathogens at the human-wildlife interface in DRC: Wild mammals as natural hosts of zoonotic viruses**

Ngay L.I., Midingi G., Mbala K.P., Kumakamba M.C., Nkawa F., Monagin C., Jolly D., Mulembakani M.P., Makuwa M., Muyembe Tamfum J.J. (DRC, USA & Canada)

Transmission of ESBL-producing *Escherichia coli* between humans and poultry - A one-health study from Ghana

Eibach D., Imirzalioglu C., Hogan B., Krumkamp R., Falgenhauer L., Danquah C., Poppert S., Sarpong N., Owusu-Dabo E., May J. (Germany & Ghana)

Vector-borne zoonoses surveillance in Piedmont region, northwestern Italy (2011-2016)

Pautasso A., Verna F., Radaelli M.C., Bellavia V., Mosca A., Pintore M.D., Tomassone L., Mandola M.L., Iulini B., Casalone C. (Italy)

Spatial patterns and abundance of rodents in Lassa fever endemic rural villages in Guinea

Marien Joachim, Magassouba N'Faly, Leirs Herwig, Fichet-Calvet Elisabeth (Belgium, Guinea & Germany)

Lassa virus infection in humans and rodents: Are humans more infected when rodents are abundant?

Fichet-Calvet E., Soropogui B., Mari Saez A., Cherif M., Jatta B., Camara A., Gabriel M., Günther S., Magassouba N., Borchert M. (Germany & Guinea)

15.00

Coffee Break

15.30

30S9 - Hepatitis C care in resource-constrained settings - Do we have a scalable public health approach anno 2017?**Organisers:**

Lutgarde Lynen, Department of Clinical Sciences, HIV & infectious diseases unit Institute of Tropical Medicine Antwerp, Belgium
Thomas Van Wolleghem, Sven Francque, University Hospital of Antwerp, Gastroenterology and Hepatology, Edegem, Belgium

10.30

8S6 - Child Mortality**Seasonal variation in child mortality in rural guinea-bissau**

Nielsen B.U., Byberg S., Aaby P., Rodrigues A., Benn C.S., Fisker A.B. (Guinea-Bissau & Denmark)

Child mortality in Guinea-Bissau – the effects of out-of-sequence vaccination

Thysen S.M., Rodrigues A., Aaby P., Fisker A.B. (Guinea-Bissau & Denmark)

Country-specific pathways from socioeconomic determinants to under-five mortality in Sub-Saharan Africa

Van Malderen C., Amouzou A., Masquelier B., Van Oyen H., Speybroeck N. (Belgium & USA)

Saving children's lives with colours

Johanna H. Dekker-Boersema, Deavis Camilo, Clemência Binamo, Jonas Hector, Michael A. Hobbins, Laura Jefferys, Manuel Aly Mussa, Ernesto M. Langa (Mozambique)

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

8S7 - Child Health Problems**Prevalence of paediatric chronic suppurative otitis media and hearing impairment in rural Malawi: A cross-sectional tele-otoscopy survey**

Hunt L., Mulwafu W., Knott V., Ndamala C.B., Naunje W., Dewhurst S., Hall A., Mortimer K. (UK & Malawi)

Prevalence and incidence of schistosome infection and morbidity in pre-school children aged 6 months to 5 years

Osakunor D. N. M., Mduluzi T., Midzi N., Woolhouse M. E. J., Mutapi F. (UK, Zimbabwe & South Africa)

Metabolic profiling of pre-school aged and school-aged children infected with *Schistosoma mansoni* and treated with praziquantel

Panic G., Keiser J., Coulibaly J.T., Silué K.D., Kovac J., Harvey N., Holmes E., Jonathan Swann (Switzerland, Côte d'Ivoire & UK)

Etiologies of fever episodes among children under 5 years in a seasonal malaria transmission area, Burkina Faso

Kiemde F., Tahita M.C., Lompo P., Rouamba T., Some A.M., Tinto H., Mens P.F., Schallig H.D.F.H., Boele van Hensbroek M. (Burkina Faso & The Netherlands)

Incidence and characteristics of unintentional injuries among children in a resource limited setting in Kampala, Uganda

Charles Ssemugabo, Trasier Mukama, Abdullah Ali Halage, Nino Paichadze, Dustin Gibson, Olive Kobusingye (Uganda & USA)

15.00

Coffee Break



15.30 **4S6 - NTD elimination through mass drug administration**

Challenges for the control of strongyloidiasis in public health
Albonico M., Bisoffi Z., Montresor A., Savioli L. (Italy & Switzerland)

Predictive value of ov16 antibody prevalence in different sub-populations for elimination of African onchocerciasis

Coffeng L.E., Stolk W.A., De Vlas S.J., Golden A., De los Santos T., Domingo G.J. (The Netherlands & USA)

The impact of semi-annual mass drug administration for multi-species lymphatic filariasis in Indonesia: A modelling approach

Verver S., Kontoroupi P., Supali T., Fischer P.U., de Vlas S.J., Weil G.J., Stolk W.A. (The Netherlands, Indonesia & USA)

High prevalence of epilepsy and onchocerciasis after 20 years of ivermectin use in four villages of the mahenge area in Tanzania

Mmbando B.P., Mnacho M., Makunde M., Kakorozya A., Matuja W., Greter H., Suykerbuyk P., Colebunders R. (Tanzania & Belgium)

The long-term impact of preventive chemotherapy on the burden of soil-transmitted helminth infection

Joseph S.A., Montresor A. (Switzerland)

10.30 **5S8 – Financing**

Do patients who incur informal payments really receive care a better quality? Evidence from Cameroon
Kankeu Tchewonpi H. (UK)

It takes two to own. The policy process behind the implementation of PBF in Uganda

Renmans D., Holvoet N., Criel B. (Belgium)

Catastrophic health expenditure and care-seeking practices in Afghanistan: A mixed-methods study

Jacobs, E., Zaal, F., Alba, S. (The Netherlands)

Financial access barriers for HIV patients in Kinshasa, DRC and possible mitigation by patient associations' managed vouchers

Vinard P., Aventin L., Cartier N., Philips M. (France & Belgium)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**

13.30 **5OS6 - Scratching beyond the surface: Methods for and cases of under-documented issues in Performance-Based Financing (PBF)**

Organisers:

Dimitri Renmans, Institute for Development Policy and Management (IOB), Universiteit Antwerpen, Belgium

Elisabeth Paul, ARC Effi-Santé, Université de Liège, Liège, Belgium

Valéry Ridde, Université de Montréal, Canada

15.00 **Coffee Break**

15.30 **5OS7 - Strategic financing: Concept and field applications from 6 partner countries**

Organisers:

BTC headquarters and 6 health projects in 6 different countries, including the national partners



10.30

6OS2 - Collaborative initiatives for capacity building and education**Organisers:**

Marjan Pirard, Mieke Stevens, Maria Zolfo and Govert van Heusden
Institute of Tropical Medicine, Antwerp, Belgium

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

6OS3 - Collaborative and innovative tools for interactive learning in mobile low-bandwidth context**Organisers:**

Carlos Kiyon, Jan Kennis, Mieke Stevens and Maria Zolfo
Institute of Tropical Medicine, Antwerp, Belgium
Diljith Kannan and Harish H. N.
Institute of Public Health, Girinagar 1st Phase, Bangalore, Karnataka, India

15.00

Coffee Break

15.30

Journalism Session: The impact of science and journalism on global health

The impact of science and journalism on global health: recent outbreaks of Ebola and Zika have shown how important it is to communicate correctly about public health crises and scientific advancement. This session explores how science and journalism can foster a real dialogue for the benefit of global health.

Organiser:

Roeland Scholtalbers, Institute of Tropical Medicine Antwerp, Belgium



15.30

8OS2 Crisis in the Mediterranean: Training health care providers for working with refugees, forced migrants, and asylum-seekers**Organisers:**

Nathan Bertelsen, Koc University School of Medicine, Istanbul
Nuria Casamitjana, Institute for Global Health (ISGlobal), Barcelona
Federica Zamatto, Referent for Torture, Médecins Sans Frontières, Rome and Brussels



Programme at a glance - Thursday 19/10

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
08.30 - 10.00	Plenary Talks					
10.00	Coffee Break					
10.30 - 12.00	7S1 Health Inequalities	3S5 Mycobacterial diseases	1S5 Vaccinology	5S10 Governance of health systems Managing complexity, managing accountability	6S2 Training and Capacity Building	7S2 Migrant Health
12.00	Lunch Break & Poster Tour (12.30 - 13.30)					
13.30 - 15.00	5OS8 Title TBC	4OS5 Towards improved tuberculosis control – why small countries matter	4S7 Vaccine-preventable diseases	5OS9 Complex adaptive governance in local health systems	6OS5 Innovative training programmes for local health systems staff	3S6 Traveller / Migrant Health
15.00	Coffee Break					
15.30 - 17.00	3OS10 New tools and initiatives to combat Antimicrobial Resistance (AMR)	4OS6 Interrupting leprosy transmission – the unfinished task	4S8 Vaccination strategies	5OS10 Strengthening comprehensive and integrated first line care for health & well-being	6OS10 From tropical medicine to global health: presenting an educational evolution, responding to human	3S7 Bacterial infections in the Tropics
17.00 - 18.30	7OS3 Global Observatory on Health R&D	6OS4 Preparing for the next epidemic: the need for global collaboration	8OS3 Human papilloma virus vaccines and cervical cancer mortality in sub-Saharan Africa	6S3 International Funding Mechanisms	9S4 Transglobal Health programme	3S8 Challenging Syndromes and co-infections

Programme at a glance - Thursday 19/10

	Room 7	Room 8	Room 9	e-Room 1	e-Room 2
08.30 - 10.00					
10.00	Coffee Break				
10.30 - 12.00	3S9 All about Leishmaniasis	3OS11 Unsolved issues in the clinical management of imported tropical infections: a TropNet contribution	1S6 Therapeutic Innovations	8OS6 The power of the image: use of multimedia in health research, advocacy, and dissemination	4OS7 The role of multi-sectoral approaches for the prevention and control of malaria and emerging arboviral diseases
12.00	Lunch Break & Poster Tour (12.30 - 13.30)				
13.30 - 15.00	4S9 Control of the leishmaniasis	8S8 Obstetric Care	3S10 Management of Helminthiasis	TMIH workshop 1	
15.00	Coffee Break				
15.30 - 17.00	4S10 Kala-azar elimination in the Indian subcontinent	8OS4 Measuring progress of Safe Motherhood programs	6OS7 Development, validation and implementation of diagnostic tools in resource-limited settings	3OS13 International networks for travel medicine	
17.00 - 18.30	6S1 International Partnerships and Collaboration	8OS5 Burden of maternal morbidity in low and middle income countries	3OS12 Point-of-Care Ultrasound in infectious diseases in resource-poor areas	8OS7 Social and economic impact of cutaneous leishmaniasis in Latin America	

08.30

Plenary Talks**Speakers:**

Julio Martin, GSK Spain
 Patricia Kingori, Wellcome Trust Society, The Ethox Centre, University of Oxford, UK
 Seye Abimbola, National Primary Health Care Development Agency, Nigeria and
 Sydney School of Public Health, University of Sydney, Australia

10.30

7S1 - Health Inequalities**State of inequality in malaria services in Sub-Saharan African countries**

Galactionova K., Smith T., de Savigny D., Penny M. A. (Switzerland)

Reproductive and maternal health inequalities in Sub-Saharan Africa: Establishing a socioeconomic gradient based on data from Mozambique, Gabon and Tanzania

Pons-Duran C., Islam M., Alonso S., Mtenga S.M., Agnandji S.T., Sicuri E., Menéndez C., Munguambe K. (Spain, Mozambique, Tanzania & Gabon)

Inequities in global health: Easy to see, hard to define

Ooms Gorik (UK)

Inequalities in Sub-Saharan African women's and girls' health opportunities and outcomes: Evidence from the demographic health surveys

Pons-Duran C., Lucas A., Narayan A., Dabalen A., Menéndez C. (Spain & USA)

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

5OS8 - Patient fees in times of Universal Health Coverage: Old demons roaring their head (again)? The specific role of social health assistance to protect vulnerable people**Organisers:**

Bart Criel, Equity and Health Unit, Public Health Department, Institute of Tropical Medicine, Antwerp, Belgium
 Valéry Ridde, Université de Montréal, Canada
 Médecins Sans Frontières (MSF), OXFAM-UK

15.00

Coffee Break

15.30

3OS10 - New tools and initiatives to combat Antimicrobial Resistance (AMR)**Organisers:**

Marco Albonico (SIMET), Centre for Tropical Diseases, S. Cuore Hospital, Verona, Italy
 Françoise Gay-Andrieu (SPE), bioMérieux, Medical Affairs and Public Health, Marcy l'Etoile, France

17.00

7OS3 - Global Observatory on Health R&D**Organisers:**

Malaria Eradication Scientific Alliance (MESA), WHO Department of Information, Evidence and Research



10.30 **3S5 - Mycobacterial diseases****IP-10 kinetics in the first week of therapy are strongly associated with subsequent bacteriological confirmation of tuberculosis in HIV-infected patients**

García-Basteiro A.L., Mambuque E., den Hertog A., Saavedra B., Cuamba I., Oliveras L., Cuevas L.E., Cobelens F., Nhabomba A., Anthony R. (Mozambique, Spain, The Netherlands & UK)

New diagnostic tests for tuberculosis: Performance of LAM and Xpert MTB/RIF in urine of hospitalized patients on intensive phase of TB treatment, and its association with TB dissemination and HIV status. Preliminary results from an observational cohort study in Kigali, Rwanda

Leopold Bitunguhari, Samuel Nkundibiza, Aimable Dukundane, Joannes Clerinx (Rwanda & Belgium)

Association between *rpoB* mutations and probe profiles, and potential application of who-endorsed rapid diagnostic tests for rifampicin resistant-TB control

Ng K.S., Meehan C. J., Torrea G., Goeminne, L., Diels M., Rigouts L., de Jong B., André E. (Belgium)

Effectiveness and safety of long-term versus short-term treatment regimen of multidrug-resistant pulmonary tuberculosis in Burkina Faso

Ouédraogo A.R., Badoum G., Ouédraogo G., Boncounou K., Maiga S., Nacanabo R., Kunakey E.K., Ouédraogo M. (Burkina Faso)

Identification of non-tuberculous mycobacteria isolated from clinical specimens at Dr George Mukhari tertiary laboratory, South Africa, using the genotype mycobacterium cm/as assay and 16s RRNA gene sequencing

Makhado N.A., Colebunders R., Nchabeleng M., de Jong B.C. (South Africa & Belgium)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **4OS5 - Towards improved tuberculosis control – Why small countries matter****Organiser:**

Martin P. Grobusch, Center of Tropical Medicine and Travel Medicine, Academic Medical Center, University of Amsterdam, The Netherlands, Centre des Recherches Médicales de Lambaréné (CERMEL), Lambaréné, Gabon and Institute of Tropical Medicine, University of Tuebingen, Germany

15.00 **Coffee Break**15.30 **4OS6 - Interrupting leprosy transmission – The unfinished task****Organisers:**

Arielle Cavaliero, Novartis Foundation, Basel, Switzerland
Peter Steinmann, Swiss Tropical and Public Health Institute, Switzerland

17.00 **6OS4 - Preparing for the next epidemic: The need for global collaboration****Organiser:**

European Commission – DG Research and Innovation – Unit E3, Fighting Infectious Diseases and Advancing Public Health



10.30 **1S4 – Vaccinology**

Efficient immunization and full protection from lethal challenge by PLLAV-YF17D, a novel thermostable and readily scalable plasmid-launched life-attenuated yellow fever vaccine candidate produced in *E. coli*

Dallmeier K., Mishra N., Marques R.E., Ae-Choi J., Kum D.B., Sanchez Felipe L., Julander J.G., Neyts J. (Belgium, Brazil & USA)

Dendritic cells, macrophages, and fibroblasts are the initial targets for replication of the live-attenuated yellow fever vaccine in the dermis

Schmid M.A., Mishra N., Neyts J., Dallmeier K. (Belgium)

Safety and immunogenicity of the Malaria Vaccine Candidate R21 adjuvanted with Matrix-M1 in West African adult volunteers, Burkina Faso

Alfred B. Tiono, Alphonse Ouedraogo, Sam Coulibaly, Edith Bougouma, Issa N. Ouedraogo, Navin Venkatraman, Georgina Bowyer, Katie Ewer, Nicola Viebig, Amidou Diarra, Gregory Glenn, Odile Leroy, Adrian V. S. Hill, Sodiomon B. Sirima (Burkina Faso, UK, Germany & USA)

Preclinical development of a new peptide-based vaccine against human leishmaniasis

Pissarra J., Holzmüller P., Bras-Goncalves R., Garnaoui A., Lemesre J.L. (France & Tunisia)

An ongoing field trial to evaluate the influence of canine leishmaniasis vaccination (CaniLeish®) in the study of the disease seroprevalence in Spain

Velez R., Domenech E., Cairó J., Ballart C., Tebar S., Portús M., Gállego M. (Spain)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**

13.30 **4S7 - Vaccine-preventable diseases**

Efficacy, effectiveness and safety of measles vaccination below nine months of age: A systematic review and meta-analysis

Nic Lochlainn L.M., Van der Maas N.A.T., De Gier B., Strebel P.M., Goodman T., Van Binnendijk R.S., De Melker H.E., Hahné S.J.M. (The Netherlands & Switzerland)

The use of first VOID urine to monitor HPV vaccination impact, results from Bhutan and Rwanda

Vorsters A., Pattyn J., Van Keer S., Biesmans S., Van Damme P. (Belgium)

Hit early, hit hard: Feasibility and effectiveness of the focused “Coup de Poing” measles outbreak response in the Democratic Republic of Congo

Van den Bergh R., Panunzi I., Benedetti G., Mandi H., Beijnsberger J., Bachy C., Pineda S., Lambert V., Zachariah R., Van Herp M. (Belgium & Democratic Republic of Congo)

Human papillomavirus vaccination and herd immunity in adult women

Niyibizi J., Malick Sarr E.H., Mayrand M.H., Coutlée F., Monnier P., Fraser W.D., Brassard P., Girard I., Audibert F., Trottier H. (Canada)

Smallpox and BCG vaccination and HIV-1 in Guinea-Bissau and Denmark

Rieckmann A., Villumsen M., Jensen M.L., Ravn H., da Silva Z.J., Sørup S., Baker J.L., Rodrigues A., Benn C.S., Roth A.E., Aaby P. (Denmark, Guinea-Bissau & Sweden)

15.00 **Coffee Break**

15.30 **4S8 - Vaccination strategies**

Extracting the incentives: Vaccination behavior as a multi-criteria decision

Verelst F., Willem L., Kessels R., Beutels P. (Belgium & Australia)

Field challenges to measles elimination in the Democratic Republic of Congo

Coulborn R.M., Nackers F., Panunzi I., Bachy C., Porten K., Vochten H., Van Herp M., Bibala-Faray E., Cohuet S. (France, Belgium & Democratic Republic of Congo)

WHO gap III roadmap to compliance for poliovirus-essential facilities

De Kesel T., Rüdelsheim P. (Belgium)

The value and unexpected by-product of a community engagement strategy aimed at addressing the immunisation gap in Northwest Ethiopia

Chantler T., Karafillakis E., Demissie S., Wodajo S., Gebrekirstos P., Olorunsaiye C., Kozuki N., Mohammed S., Kiapi L., Landegger J., Larson H. (UK, Ethiopia & USA)

17.00 **8OS3 - Human papilloma virus vaccines and cervical cancer mortality in sub-Saharan Africa: Evidence and lessons learnt from Mozambique**

Organiser:

Barcelona Institute for Global Health (ISGlobal) - Initiative for Maternal, Child and Reproductive Health. Hospital Clínic, University of Barcelona, Spain



10.30 **5S10 - Governance of health systems Managing complexity, managing accountability**

Performance of community health workers: Situating their intermediary position within complex adaptive health systems

Kok M.C., Taegtmeier M., Broerse J.E.W., Dieleman M. Theobald S. (The Netherlands & UK)

Health systems governance in conflict-affected settings: Governing Kurdistan's health system during the ISIS-related conflict

Zangana G.A., Mangouri Z. (Iraq)

Translation of multiple health systems flows in the language of complex networks

Eerens P. (Belgium)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **5OS9 - Complex adaptive governance in local health systems- When implementation instruments interact with local politics and shift accountability**

Organiser:

Sara Van Belle, Department of Public Health, Institute of Tropical Medicine, Antwerp, Belgium

15.00 Coffee Break

15.30 **5OS10 - Strengthening comprehensive and integrated first line care for health & well-being - Exchange of approaches from low, middle and high income countries, aiming at launching a Community of Practice**

Organiser:

Pol De Vos, Institute Tropical Medicine, Antwerp Belgium

17.00 **6S3 - International Funding Mechanisms**

The love-hate relationship between European donors and the global health initiatives

Steurs L., Delputte S., Orbie J. (Belgium)

Behind the scenes: International NGOs, global-national policy transfer and the politics of concealment

Storeng K.S., Palmer J., Kloster M.O., Judy D. (Norway, UK & Australia)

European donors and health system strengthening: A distinct approach?

Steurs L., Delputte S., Orbie J. (Belgium)

How will the Africa scorecard on domestic financing for health drive the sustainable domestic financing of Africa's catalytic framework to end AIDS, TB and to eliminate Malaria by 2030

Booth P., Tekle-Haimanot S.S., Ndayisaba M.G., Surgey G. (UK, Switzerland, Ethiopia & South Africa)



10.30 **6S2 - Training and Capacity Building**

Medical electives – A risky business for all?

Hookham L., Smith K., Schmid M. (UK)

Learning curve characteristics for caesarean section among associate clinicians: A prospective study from Sierra Leone

Waalewijn B.P., van Duinen A.A., Bolkan H.A. (Norway & The Netherlands)

WikiTropica: A concept for a knowledge management platform in the field of tropical medicine and travel health

Kennis J., Van Den Broucke S., Clerinx J., Huits R., Zolfo M., Bottieau E. (Belgium)

Evidence-based guidelines and training materials for first aid by laypeople: The example of India

De Buck E., Van Remoortel H., Vande veegaete A., Singhal M., Vandekerckhove P., Agarwal S.P.† (Belgium & India) †Deceased November 17, 2015

Mapping One health curriculum for better disease prevention and control: What and why

Jiang L., Nguyen Qui Q.H., Simpson G., Quesada F., Artama W.T., Joseph J., Thys S. (Belgium, Vietnam, South Africa, Indonesia & India)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **6OS5 - Innovative training programmes for local health systems staff**

Organisers:

Valéria Campos da Silveira and Bart Criel
Equity and Health Unit, Dept. of Public Health, Institute of Tropical Medicine, Antwerp, Belgium

15.00 Coffee Break

15.30 **6OS10 - From tropical medicine to global health: presenting an educational evolution, responding to human resources for health needs in low resource settings**

Organisers:

Sanne Jongma (TROIE), Annelieke Hulzenbosch (TROIE), Barend Gerretsen (OIGT). NVTG

17.00 **9S4 - Transglobal Health Programme**

Detailed programme TBC



10.30 **7S2 - Migrant Health****A crisis of protection and humane treatment: Violence, physical trauma and deaths among migrants/refugees travelling along the Western Balkan corridor to Northern Europe**

Arsenijević J., Contenta A., Moissaing S., Ponthie A., Malvisi L., Zamatto F., Severy N., Manzi M., de Vingne B., Zachariah R. (Serbia, Belgium, Italy & Luxembourg)

Migrants' journey, vulnerabilities, access to information and endured violence during the journey and in refugee camps in Ioannina, Attica, Athens and Samos, Greece

Ben Farhat J., Bouhenia M., Bjertrup P.J., Blanchet K., Mayaud P., Salumu L., Perrin C., Porten K., Cohuet S. (France)

Needs versus rights: Moral understandings of healthcare workers and undocumented migrants in Belgium regarding access to healthcare

Lafaut D. (Belgium)

The healing environment: Resilience factors for refugees in overcoming psychological trauma

Nathan Bertelsen, Hawthorne Smith (Turkey & USA)

Family health Doctors Beyond Borders

Cacciotella L., Bernardi A., D'Agostino F., Fascendini M., Montanari A. (Italy)

Comprehensive care for migrants and refugees who have suffered torture and other forms of ill-treatment – The MSF experience in Athens

Ioanna Kotsioni, Artemis Kastrissianaki, Ioanna Haziri, Anastasia Papachristou, Manolis Kokkiniotis, Eleftheria Zerva, Athanassia Vallianou, Federica Zamatto, Rafael Van den Bergh, Nikos Gionakis, Elina Sarantou (Belgium & Greece)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **3S6 - Traveller / Migrant Health****Early diagnosis of acute schistosomiasis by schistosome DNA detection in serum in a cluster cohort of 34 travelers exposed in South Africa**

Cnops L., Maniewski U., Soentjens P., Huyse T., Bottieau E., Clerinx J., Van Esbroeck M. (Belgium)

Travel-related disease and antibiotic use in immunocompromised travelers

Van Aalst M., van Ruissen M.C.E., Stijnis C., van Vugt M., de Bree G.J., Goorhuis A., Grobusch M.P. (The Netherlands)

Under-diagnosis of rickettsial disease in returning travelers

de Vries S.G., Janssen V., Ahmed A.A.A., Grobusch M.P., Goris M.G., Wagenaar J.F.P., Goorhuis A. (The Netherlands)

Epidemiology of travel-related health events among HIV infected immigrants living in France and visiting their country of origin in sub-Saharan Africa: The ANRS-VIHVO Morbidity sub-Study

T. Pistone, S. Abgrall, E. Ouattara, N. Lele, D. Gabillard, D. Malvy, O. Bouchaud (France)

Epidemiological and clinical profile of imported strongyloidiasis from the REDIVI network

Salvador F., Treviño B., Herrero-Martínez J.M., Rodríguez-Guardado A., Torrús D., Goikoetxea J., Zubero Z., Velasco M., Chamorro S., on behalf the REDIVI Collaborative Network (Spain)

15.00 **Coffee Break**15.30 **3S7 - Bacterial infections in the Tropics****Polymerase chain reaction for the diagnosis of *Clostridium difficile* infection in patients with persistent digestive disorders and asymptomatic controls in Côte d'Ivoire**

Florian Bub, Justin K. Chatigre, Joel A. Yao, Jean T. Coulibaly, Lutz von Müller, Katja Polman, Marleen Boelaert, Eliézer K. N'Goran, Jürg Utzinger, Sören L. Becker (Germany, Côte d'Ivoire, Switzerland & Belgium)

No association between *Salmonella* intestinal carriage and *Schistosoma mansoni* infection in healthy individuals, Democratic Republic of the Congo

Lisette Mbuyi Kalonji, Barbara Barbé, Joule Madinga, Clementine Roucher, Gaele Nkoji, Katja Polman, Pascal Lutumba, Marie-France Phoba, Octavie Lunguya, Jan Jacobs (Democratic Republic of Congo & Belgium)

Atypical clinical presentations of *Neisseria Meningitidis* Serotype W outbreak in military training school in Uganda, 2016; high proportions of pneumonia and conjunctivitis

Kyobe Bosa H., Bulwadda D., Wamakota L., Muganzi Y., Lubwama B., Kagirita A., Katongole P., Nangamba R., Najjuka F., Musinguzi A., Kajumbula H. (Uganda)

Use of antibiotics prior to blood culture sampling in Nepal

Koirala K.D., Verdonck K., Barbé B., Khanal B., Bhattarai N.R., Pradhan B., Bhatta N.K., Karki P., Rijal S., Boelaert M., Chappuis F., Jacobs J. (Nepal, Belgium & Switzerland)

Arthropod-borne pathogens as cause of non-malarial fever in rural Ethiopia

Perez-Tanoira R., Jado I., Martín-Martín I., Prieto-Pérez L., Anda P., González Martín-Niño R., Martín O., Cabello A., Górgolas M., Ramos J.M. (Ethiopia & Spain)

17.00 **3S8 - Challenging Syndromes and co-infections****Causes of non-traumatic paraplegia in Malawi**

Zijlstra, E.E., van Hellemond J., Mkandawire N., Katchanov J., Rothe C. (The Netherlands, Malawi & Germany)

Point-of-care chest ultrasound in South African children with suspected pulmonary tuberculosis

Heuvelings C.C., Bélard S., Andronikou S., Jamieson-Luff N., Grobusch M.P., Zar H.J. (The Netherlands, South Africa & UK)

Prevalence of neglected infectious diseases in patients with persistent fever in Sihanouk Hospital Center of HOPE, Cambodia

Phe T., Lim K., Leng L., Verdonck K., Barbé B., Jacobs J., Parola P., Rijal S., Boelaert M., Chappuis F. (Cambodia, Belgium, France, Nepal & Switzerland)

Epidemiology of onchocerciasis and epilepsy in ituri province in the Democratic Republic of the Congo (DRC)

Lenaerts E., Mukendi D., Mandro M., Dolo H., Ucima Wonya' Rossi D., Ngave F., Colebunders R., Suykerbuyk P.



(Belgium, DRC & Mali)

Intestinal helminthiasis as a determinant of response to pentavalent antimony treatment in Peruvian patients with cutaneous leishmaniasis: A case-control study

Martínez D. Y., Verdonck K., Adai V., Jara M., Alba M., Arevalo J., Polman K., Llanos-Cuentas A., Dujardin J. C., Boelaert M. (Peru & Belgium)

Hunting hidden parasites: *Trypanosoma cruzi* & *strongyloides stercoralis*

Navarro M., Monge-Maíllo B., Ramos-Rincón J.M., Jordan B., Peña I., Flores-Chavez M.D., Nieto J., Rodríguez E., Gold M., Coy J., Jiménez S., López-Vélez R., Santos J.J. (Spain)

10.30

3S9 - All about Leishmaniasis

Accuracy of antigen detection in urine using katex for non-invasive visceral leishmaniasis diagnosis and treatment monitoring in HIV-coinfected patients

Vogt F., Mekonnen T., Fikre H., Takele Y., Adem E., Mohammed R., Ritmeijer K., Adriaensen W., Diro E., Van Griensven J. (Belgium Ethiopia & The Netherlands)

Evaluation of point-of-care tests for cutaneous leishmaniasis diagnosis in Afghanistan

Vink M., Nahzat S., Rahimi H., Buhler C., Ahmadi B., Saboor A., Picado A., van Loenen M., Schallig H., Cruz I. (The Netherlands, Afghanistan, France & Switzerland)

Post-Kala-Azar Dermal Leishmaniasis (PKDL) treated with ambulatory short course AmBisome

Koert Ritmeijer, Sakib Burza, Asish Kumar Das, Raman Mahajan, Pradeep Das, Ahmed Be-Nazir, Margriet den Boer (The Netherlands, India, Bangladesh & UK)

South Sudan: A clinical severity scoring system for visceral leishmaniasis in HIV negative patients

Kämink S., Collin S.M., Harrison T., Gatluak F., Mullahzada A.W., Ritmeijer K. (The Netherlands, UK & South Sudan)

Prevalence and risk factors of asymptomatic *leishmania* infection in HIV-infected individuals in Northwest Ethiopia

Johan van Griensven, Saskia Van Henten, Bewketu Mengesha, Mengistu Endris, Dorien Van Den Bossche, Lieselotte Cnops, Wim Adriaensen, Yonas Gedamu, Florian Vogt, Ermias Diro (Belgium & Ethiopia)

Visceral leishmaniasis and HIV co-infection in Northwest Ethiopia: Uptake of antiretroviral treatment and burden of disease amongst patients enrolled in HIV care

Johan van Griensven, Tesfa Simegn, Mengistu Endris, Ermias Diro (Belgium & Ethiopia)

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

4S9 - Control of the leishmaniases

Cluster randomised trial and development of a sandfly sex pheromone lure to reduce *Leishmania infantum* infection

Courtenay O., Dilger E., Carter V., Bray D., Bell M., Gonzalez de Heredia M., Borges-Alves G., Nunes C., Brazil R., Hamilton G. (UK & Brazil)

Efficacy of commercial systemic insecticides in dogs at killing blood-fed sand flies

Gómez S.A., Lucientes J. Castillo J.A., Peris P., Estevan A., Oropeza R.V., Picado A. (Spain)

Update on Leishmaniasis Control in Suriname

Schallig H.D.F.H., Mans D., Hu R., Kent A., Ramdas S., van der Geest S., de Vries H.J.C. (The Netherlands & Suriname)

Suffering in silence: A qualitative study on reasons of delay in seeking care for visceral leishmaniasis in Southern Gedaref, Sudan

Temmy Sunyoto, Atia M. Atia, Gamal Khalid, Gabriel Alcoba, Margriet den Boer, Marleen Boelaert (Belgium, Switzerland & Sudan)

What are the true outcomes of patients declared lost to follow up in a visceral Leishmaniasis program in Sudan?

Atia M. Atia, Margriet Den Boer, Mousab Siddig Elhag, Rogia Ahmed, Gabriel Alcoba, François Chappuis, Johan van Griensven, Zachariah Rony (Sudan, Luxembourg, Switzerland, Belgium & UK)



15.00 Coffee Break

15.30 **4S10 - Kala-azar elimination in the Indian subcontinent**

Does *Leishmania donovani* infection in asymptomatic individuals and Post Kala-azar Dermal Leishmaniasis play a role in the transmission of Visceral Leishmaniasis?

Shyam Sundar (India)

Elimination of visceral leishmaniasis on the Indian subcontinent: a comparison of multiple transmission models

Epke A. Le Rutte, Lloyd A.C. Chapman, Luc E. Coffeng, Sarah Jervis, Epco C. Hasker, Shweta Dwivedi, Morchan P. Karthick, Tanmay Mahapatra, Indrajit Chaudhury, Marleen C Boelaert, Graham F. Medley, Sridhar Srikantiah, T. Deirdre Hollingsworth, Sake J. de Vlas (The Netherlands, UK, Belgium & India)

***Phlebotomus argentipes* Sand Fly control in Bangladesh: A cluster randomized controlled trial**

Rajib Chowdhury, Shyla Faria, M. Mamun Huda, Vashkar Chowdhury, Dinesh Mondal, Shireen Akhter, Sakila Akter, Shah Golam Nabi, Axel Kroeger, Daniel Argaw, Jorge Alvar (Bangladesh, Switzerland & Germany)

Health seeking behavior of patients in Muzaffarpur-TMRC HDSS may hinder Kala-azar elimination in Bihar, India

Malviya P., Hasker E., Boelaert M., Sundar S. (India)

17.00 **6S1 - International Partnerships and Collaboration**

Miltefosine: A case study of a product development partnership and why a life-saving drug is not available to patients who need it most

Temmy Sunyoto, Julien Potet, Els Torrellee, Marleen Boelaert (Belgium & Switzerland)

CYSTINET-Africa: An interdisciplinary network on *Taenia solium* cysticercosis and taeniosis research as well as capacity building in sub-Saharan Africa

Winkler A.S., Schmidt V., Ngowi B., Sikasunge C., Phiri I.K., Mfinanga S., Noormahomed E., Brügger B., Prazeres da Costa C., Ngowi H. (Norway, Germany, Tanzania, Zambia & Mozambique)

Inequities in investments: a systematic analysis of global funding trends for malaria research in sub-Saharan Africa

Head M.G., Goss S., Gelister Y., Alegana V., Brown R.J., Clarke S.C., Newell M.L., Tatem A.J. (UK)

Building a visceral leishmaniasis data-sharing platform to optimise treatment and inform future research

Guerin P.J., Otieno M., Alvar, J., on behalf of the IDDO VL data platform (UK, Kenya & Switzerland)

A framework for ethics review of research conducted in humanitarian contexts: The experience of the Ethics Review Board of Médecins Sans Frontières

Ravinetto R., Pringle J., Ku G.M., on behalf of the MSF Ethics Review Board (Switzerland)

10.30 **3OS11 - Unsolved issues in the clinical management of imported tropical infections: A TropNet contribution**

Organiser:

TropNet

Swiss Tropical Institute of Public Health, Basel, Switzerland

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **8S8 - Obstetric Care**

Maternal near miss morbidity and mortality in hiwot fana specialized university hospital, Eastern Ethiopia: A prospective cohort study

Tura A.K., van den Akker T., van Roosmalen J., Stekelenburg J., Zwart J., Scherjon S.A. (Ethiopia & The Netherlands)

Indications for caesarean sections in a rural hospital in Malawi

Bakker W., Bakker E., Huigens A.C., Kaunda E., Beltman J.J., van den Akker T.H. (Malawi & The Netherlands)

Feasibility of mobile phone data collection via within a longitudinal study of Ugandan women treated for obstetric fistula

Alison El Ayadi, Hadija Nalubwama, Justus Barageine, Susan Obore, Othman Kakaire, Haruna Mwanje, Felicia Lester, Abner Korn, Josaphat Byamugisha, Suellen Miller (USA & Uganda)

The effect of improved trends in use of the partograph to actively monitor labor on newborn outcomes in southwestern Uganda

Ndagire K.G., Kirunda I., Kagurusi P., Mudiope P. (Uganda)

Task-shifting of foetal heart rate monitoring during labour in low-resource settings: Perceptions of skilled birth attendants, mothers and policymakers

Housseine N., Saleh R.K., Merriaan A.J., Reece M.N., Meguid T., Browne J.L., Jakubowska L.A., Klipstein-Grobusch K., Franx A., Grobbee D.E., Rijken M.J. (The Netherlands & Tanzania)

15.00 Coffee Break

15.30 **8OS4 - Measuring progress of Safe Motherhood programs: only a matter of international organizations?**

Organisers:

Vincent De Brouwere and Thérèse Delvaux

Maternal & Reproductive Health Unit, Institute of Tropical Medicine, Antwerp, Belgium

17.00 **8OS5 - Burden of maternal morbidity in low and middle income countries: knowns and unknowns - Measuring and addressing maternal morbidity: the next 5 years**

Organisers:

Véronique Filippi, London School of Hygiene and Tropical Medicine, UK

Lale Say, World Health Organization



10.30 **1S6 - Therapeutic Innovations****Discovery and lead-optimisation of two new antileishmanial pre-clinical candidates within an academic-industry partnership**

De Rycker M. on behalf of the DDU/GSK Kinetoplastid Drug Discovery Team (UK & Spain)

Modelling the antimalarial activity of SJ733, a novel promising investigational antimalarial using early phase human pharmacokinetic and efficacy data

McCarty J.S., Woodford J., Guy R.K., Gaur A.H., Panetta J.C., Freeman B.B., Marquart L., Chalon S., Kümmel A., Bebrevska L. (Australia, USA & Switzerland)

The effect of oral administration of antibiotics on *Schistosoma Mansoni* egg-induced pathology in mouse models

Kildemoes A.O., Schramm, G., Pakkenberg, B., Hansen, A.K., Skov, S., Nielsen D.S., Vennervald B.J. (Denmark & Germany)

Antiviral treatment efficiently inhibits Chikungunya virus replication in the joints of mice during the acute but not during the chronic phase of infection

Abdelnabi R., Jochmans D., Verbeken E., Delang L., Neyts J. (Belgium)

In silico design of novel Zika virus inhibitors

Trist I.M.L., Poli G., Neyts J., Canard B., Botta M. (Italy, Belgium, France & USA)

12.00 **Lunch Break and Poster Tour (12.30 - 13.30)**13.30 **3S10 - Management of Helminthiases****Comparison of single kato-katz, duplicate kato-katz, mini-flotac and fecpakG2 for the assessment of anthelmintic efficacy of single dose albendazole**

Cools P., Vlamincx J., Albonico M., Ame S., Ayana M., Keiser J., Mekonnen Z., Montresor A., Sayasone S., Verweij J., Verduyck J., Levecke, B. (Belgium, Switzerland, United Republic of Tanzania, Ethiopia, Lao People's Democratic Republic & The Netherlands)

Egg excretion indicators for the measurement of soil-transmitted helminth response to treatment

Piero Olliaro, Michel Vaillant, Aïssatou Diawara, Eliézer K. N'Goran, Shaali Ame, Benjamin Speich, Stefanie Knopp, Peter Steinmann, Peiling Yap, Xiao-Nong Zhou, Marco Albonico, Jürg Utzinger, Jennifer Keiser (Switzerland, Luxembourg, United Arab Emirates, Côte d'Ivoire, Italy & China)

Landscape of studies generating individual participant data on the efficacy of drugs for treating soil-transmitted helminthiasis and the case for data sharing

Halder J. B., Benton J., Julé A.M., Guérin P.J., Basáñez M.G., Olliaro P.L., Walker M. (UK & Switzerland)

Evolution of anthelmintic resistance in the era of preventive chemotherapy

Coffeng L.E., Stolk W.A., de Vlas S.J. (The Netherlands)

Hot topics in the diagnosis and management of strongyloidiasis

Buonfrate D., Bisoffi Z. (Italy)

15.00 **Coffee Break**15.30 **6OS7 - Development, validation and implementation of diagnostic tools in resource-limited settings****Organisers:**

Michelle Helinski and Ana Lucia Cardoso
European & Developing Countries Clinical Trials Partnership (EDCTP), The Hague,
The Netherlands

17.00 **3OS12 - Point-of-Care Ultrasound in infectious diseases in resource-poor areas: where are we and which way to go?****Organisers:**

Thomas Junghanss, Heidelberg University Hospital, Section Clinical Tropical Medicine,
Heidelberg, Germany
Francesca Tamarozzi, University of Pavia, Department of Clinical Surgical Diagnostic and
Paediatric Sciences, WHO Collaborating Centre for Clinical Management of Cystic Echinococcosis,
Pavia, Italy
Maria Teresa Giordani, San Bortolo Hospital, Infectious and Tropical Diseases Unit, Vicenza, Italy
Sabine Belard, Department of Pediatric Pneumology and Immunology, Charité-
Universitätsmedizin Berlin, Germany
Joachim Richter, Institute of Tropical Medicine and International Public Health, Charité-
Universitätsmedizin Berlin, Germany
Daniel Kaminstein, Medical College of Georgia at Augusta University, Georgia, USA



10.30

8OS6 - The power of the image: Use of multimedia in health research, advocacy, and dissemination**Organisers:**

Caroline Masquillier, Department of Sociology, University of Antwerp, Antwerp, Belgium
 Radhika Arora, Oxford Policy Management (India office), New Delhi, India
 Amit Makan, Alan J Flisher Centre for Public Mental Health, University of Cape Town and Independent Media, Cape Town, South Africa
 Ary Rogerio Silva, Pan American Health Organization; International Development – Global Affairs Canada and the Government of Colombia, Washington, USA
 Sabine Van Elsland, Stellenbosch University, Dept. Paediatrics and Child Health, Cape Town, South Africa and Desmond and Leah Tutu Legacy Foundation, Cape Town, South Africa
 Leanne Brady, Health Policy and Systems Division, School of Public Health and Family Medicine, Cape Town, South Africa
 Werner Soors, Department of Public Health, Institute of Tropical Medicine, Antwerp, Belgium
 Upendra Bhojani, Institute of Public Health, Bangalore, India

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

TMIH Workshop 1

15.00

Coffee Break

15.30

TMIH Workshop 2

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

4OS7 - The role of multi-sectoral approaches for the prevention and control of malaria and emerging arboviral diseases**Organisers:**

Florence Fouque, The Special Programme for Research and Training in Tropical Diseases World Health Organization, Geneva, Switzerland
 Susanna Hausmann, Swiss Agency for Development and Cooperation, Bern, Switzerland
 Zee Leung, International Development Research Centre, Ottawa, Ontario, Canada
 Konstantina Boutsika, Swiss Tropical and Public Health Institute, Basel, Switzerland

15.00

Coffee Break

15.30

3OS13 - International Networks for Travel Medicine**Organiser:**

TropNet
 Swiss Tropical Institute of Public Health, Basel, Switzerland

17.00

8OS7 - Social and economic impact of Cutaneous Leishmaniasis (CL) in Latin America: A patient's perspective to inform better treatments and study design**Organisers:**

Dalila Martínez Medina, Instituto de Medicina Tropical "Alexander von Humboldt", Universidad Peruana Cayetano Heredia, Lima, Peru
 Astrid Erber, University of Oxford, NDMRB, Centre for Tropical Medicine and Global Health, Headington Oxford, UK



Programme at a glance - Friday 20/10

08.30 - 10.00	Room 1	Room 2	Room 3	Room 4	Room 5
		6OS8 Give-and-take: sharing and using health research and programme data for improved impact	6OS9 The secrets of effective networks -5 case studies focusing on structure and functioning of multi-stakeholder platforms	5OS11 Quality im- provement and patient safety in low and middle income countries	5OS12 Asset management in LMICs: A challenge with multiple answers
10.00	Coffee Break				
10.30 - 12.00	Plenary Talks				
12.00	Closing Ceremony				
12.30	Lunch				

10.30

Plenary Talks**Malaria elimination**

Umberto D'Alessandro, MRC Unit The Gambia, Banjul, Gambia

Keeping Fives Alive Project in Ghana

Sodzi Sodzi-Tettey, Institute for Healthcare Improvement, Ghana

12.00

Closing Ceremony

12.30

Farewell Lunch

08.30

6OS8 - Give-and-take: Sharing and using health research and programme data for improved impact**Organisers:**

Piero Olliaro, Special Programme for Research and Training in Tropical Diseases (WHO/TDR), Geneva, Switzerland

Alessandro Bartoloni, University of Florence and SIMET, Italy

10.00

Coffee Break



08.30

6OS9 - The secrets of effective networks - 5 case studies focusing on structure and functioning of multi-stakeholder platforms**Organisers:**

FESTMIH members: Platform of Be-cause Health & Irish Forum of Global Health

10.00

Coffee Break

08.30

5OS11 - Quality Improvement and patient safety in low and middle income countries: Considerations on feasibility, challenges and success factors**Organiser:**Michael Marx, University of Heidelberg, Institute of Public Health, Heidelberg, Germany
In collaboration with evaplan GmbH at University Hospital Heidelberg, Germany

10.00

Coffee Break



08.30

5OS12 - Asset management in LMICs: a challenge with multiple answers**Organisers:**

FESTMIH member: platform of Be-cause Health & HUMATEM & AZV/MSV10.00

10.00

Coffee Break**Poster List****New serological tools for improved diagnosis of human tegumentary leishmaniasis**

Lourena E. Costa, Beatriz C. S. Salles, Patrícia T. Alves, Ana C. S. Dias, Emília R. Vaz, Fernanda F. Ramos, Daniel Menezes-Souza, Mariana C. Duarte, Daniel Silva Dias, Ana Maria Ravena Severino Carvalho, Fernanda L. Ribeiro, Patrícia Aparecida Fernandes Ribeiro, Bruno M. Roatt, Denise U. Gonçalves, Manoel O. C. Rocha, Luiz Ricardo Goulart, Eduardo A. F. Coelho (Brazil & USA)

Deletions of *pfhrp2* and *pfhrp3* in RDT-negative *Plasmodium falciparum* isolates from Uganda

Sam L. Nsohya, Elizabeth Namirembe, Andrew Walakira, Moses Kiggundu, Emma Ruhamyankaka, Emmanuel Arinaitwe, Moses Kanya, Grant Dorsey, Philip J. Rosenthal (Uganda & USA)

Screening the pathogen box and the stasis box to identify compounds inhibiting *Madurella mycetomatis* growth *in vitro* and *in vivo*

Mickey Konings, Youri Melse, Wendy van de Sande (The Netherlands)

Action of HIV and tuberculosis medication on CatSper Ca²⁺ channels in human sperm

Schneider F., Brenker C., Schlatt S., Strünker T. (Germany)

Diagnostic performance of the Loop-Mediated Isothermal Amplification (LAMP) based illumigene® Malaria assay in a non-endemic region

De Koninck A.-S., Cnops L., Hofmans M., Jacobs J., Van den Bossche D., Philippé J. (Belgium)

Targeting the arginine permease 3 (*aap3*) coding sequence for rapid identification of *Leishmania* through high resolution melting (HRM) analysis.

Müller KE, Zampieri RA, Aoki JI, Muxel SM, Nerland AH, Floeter-Winter LM (Norway & Brazil)

Large-scale production of *P. falciparum* mature gametocytes for transmission blocking assays using bioreactor

Sonia Lozano, Nitin Jindal, David Calvo, Juliana Sánchez and Janneth Rodrigues (Spain)

Loop mediated isothermal amplification: A good alternative to PCR for proper molecular malaria diagnosis in resources limited areas

Netongo P.M, Kamdem S.D, Atogho-Tiedeu B, Chedjou J.P, Ouayoue A.M, Domkam I, Magatte N, Visanuvimol D, Mbacham W and Leke R. (Cameroon, Senegal, & Canada)

Evaluation of the Leishbox compounds on Nepalese clinical isolates of *Leishmania donovani*, an industrial/ academic collaboration

Hefnawy A., Cantizani J., Peña I., Dujardin JC., de Muylder G. & Martin J. (Belgium & Spain)

Human stem cell-derived hepatocyte-like cells support Zika virus replication and provide a relevant model to assess efficacy of potential antivirals

Tricot T., Helsen N., Kaptein S., Neyts J. and Verfaillie C. (Belgium)

The ESBL NDP test: A tool for rationale use of antibiotics in low resource countries

Affolabi D., Sogbo F., Laleye G., Orekan J. (Benin)

A new Chagas real-time PCR: Can it be the new gold standard?

Hansen J., Arriens S., Crespo J.J., Sievertsen J., Loperena A., Kann S. (Germany & Colombia)

Development and performance evaluation of enzyme linked immunosorbent assay and lineblot for serological diagnosis of Leishmaniasis in dogs

Latz A., Foerster.G., Berlie R. (Germany)



Induced pluripotent stem cell-derived neuronal cultures as a model to study Zika virus infections and antivirals

Lanko K., Kaptein S., Eggermont K., Patel A., Claes C., Guo W., Van Damme P., Van Den Bosch L., Delang L., Verfaillie C., Neyts J. (Belgium)

An immunomics approach detects promising candidate antigens for *Ascaris* Serodiagnosis in pigs and humans

Vlaminck J., Dana D., Demeyer L., Mekonnen Z., Weil G.J., Geldhof P., Levecke B. (Belgium, Ethiopia & USA)

Diagnosis of *Trypanosoma cruzi* infection status in saliva of infected subjects

Cortes-Serra N., Pinazo M.J., De la Torre L., Galizzi M., Gascon J. and Bustamante JM. (Spain & USA)

Identification of early lead compounds with antischistosomal activity from two MMV libraries

Pasche V., Keiser J. (Switzerland)

Performance evaluation of a rapid diagnostic test for simultaneous diagnosis of malaria and screening for *gambiense* human African trypanosomiasis using archived samples

Matovu E., Lumbala C., Sendagire H., Kazibwe A.J.N., Biéler S., Ndung'u J.M. (Uganda, Democratic Republic of Congo & Switzerland)

Evaluation of a Loop-Mediated Isothermal Amplification (LAMP) kit as a molecular diagnostic test for congenital Chagas disease

Flores-Chávez MD, Besuschio S.A., Picado A, Ibañez I, Wehrendt DX, Perez P, Abras A, Ballart C, Gallego M, Muñoz C, Ndung'u JM, Schijman AG (Argentina, Switzerland & Spain)

Serological tests for *gambiense* human African trypanosomiasis detect antibodies in cattle

Matovu E, Kitibwa A, Picado A, Biéler S, Bessell PR and Ndung'u JM (Uganda, Switzerland & UK)

In vitro and in vivo anti-malarial activity of extracts from *terminalia mantaly* (combretacées)

Tchatat Tali M.B, Jiatsa M.C.D, Tchokouaha Y.L.R, Tsakem N.J.M, Keumoe R, Tsouh Fokou P.V, Kamkumo R.G., Hzounda F.J.B, Boyom F.F (Cameroon)

Loop-mediated isothermal amplification of DNA is a rapid and accurate diagnostic for canine Leishmaniasis

Ibarra-Meneses A.V., Sánchez C., Garcia E., Nieto J., Ortega S., Chicharro C., Moreno J., Ndung'u J.M., Cruz I., Carrillo E. (Spain & Switzerland)

Development of a point of care diagnostic test for the neglected tropical skin disease Buruli ulcer

Röltgen K., Dangy J.P., Scherr N., Ruf M.T., Dreyer A., Akinwale P., Phanzu D.M., Cruz I., Ndung'u J.M. and Pluschke G. (Switzerland, Nigeria & Democratic Republic of Congo)

Diagnosis of schistosomiasis without a microscope: A community-based survey using PCR and CCA-CAA detection on banked stool and urine samples from DR Congo

Hoekstra P.T., Madinga J., Lutumba P., Corstjens P.L.A.M., van Dam G.J., Polman K., van Lieshout L. (The Netherlands, Belgium & Democratic Republic of Congo)

Can a Zika IGM and IGG immunoblot replace the virus neutralisation test to confirm screening test results?

Van den Bossche D., Foque N., Michiels J., Ariën KK., Van Esbroeck M. (Belgium)

Analysis of *Mycobacterium ulcerans*-specific T- cell cytokines for diagnosis of Buruli ulcer disease and as potential indicator for disease progression

Nausch ¹, Antwi-Berko D, Mubarik Y, Abass KM, Owusu W, Owusu-Dabo E, Batsa-Debrah L, Debrah AY, Jacobsen M, Phillips RO (Germany & Ghana)

The challenge in serodiscordant Chagas Disease: The role of two confirmatory techniques in inconclusive cases

Zaira Moure, Elena Sulleiro, Laura Iniesta, Carmen Guillen, Israel Molina, M. Magdalena Alcover, Cristina Riera, Tomás Pumarola, Roser Fisa (Spain)

Analysis of the specificity of a *Mycobacterium leprae* diagnostic qPCR

Braet S., Vandelannoote K., Meehan C., Rigouts L., Brum Fontes A., Rosa P., Suffys P., De Jong B. (Belgium & Brazil)

Development of a nanobody-based amperometric immunocapturing assay for sensitive and specific detection of *Toxocara canis* excretory-secretory antigen

Morales-Yáñez F.J., Sariago I., De Wael K., Polman, K., Muylermans S and Trashin S. (Belgium & Cuba)

Anti-cancer potential of *Fasciola hepatica* extracts

Ferreira S., Fernandes R., Alves H., Richter J., Botelho M.C. (Portugal & Germany)

Could Estradiol be used as a biomarker of infection in *Schistosoma haematobium* infected patients?

Botelho M.C., Cardoso R., Bordalo A., Alves H. Richter J. (Portugal & Germany)

Effect of *M. Tuberculosis* Preservation on the Sensitivity of molecular tuberculosis tests

Nannozi B, Mulders W, Rigouts L. (Belgium)

Rapid detection of human and canine visceral leishmaniasis: Assessment of a latex agglutination test based on the A2 antigen from amastigote forms of *Leishmania infantum*

Akhoundi B, Mohebbi M, Shojaee S, Jalali M, Kazemi B, Bandehpour M, Keshavarz H, Edrissian Gh H, Kouchaki A, Kakooei Z (Iran)

Optimization of the PAXgene Blood RNA system to store *Salmonella* cells for subsequent RNA analysis.

Rutanga J.P., Van Puyvelde S., De Block T., Jacobs J., Muvunyi C.M. and Deborggraeve S. (Rwanda & Belgium)

Nano-TiCl₄.SiO₂ promoted synthesis of benzothiazoles as potential antimicrobial agents

Khabnadideh S., Zamani L., Mirjalili B.B.F., Zomorodian K., kanaanizadegan S. (Iran)

Shotgun metagenomics as a tool for the rapid diagnosis and genotyping of Dengue

Lizarazo E.F., Couto N., Raangs E., Vincenti-Gonzalez M.F., Tovar R., Bethencourt S., Grobusch M.P., Jaenisch, T., Friedrich A., Tami A., John W. Rossen. (The Netherlands, Venezuela & Germany)

Usefulness of *Toxocara canis* larval low molecular weight excretory-secretory products for diagnosis of human toxocarosis

Sariago I., Rojas L., Cantillo J., Falcón R., Polman K. (Cuba & Belgium)

TiCl₄/nano-sawdust as an efficient biocatalyst for the synthesis of highly substituted dihydro-2-oxopyrroles as antibacterial agents

Zamani L., Khabnadideh S., Gholami A., Ghasemi Y., Mirjalili B. B. F., Shahmoradi R. (Iran)

MRDT(Malaria Rapid Diagnostic Test): *Pv*vax pLDH cross react with *Denguevirus (DENV)?*

Grande R., Genco F., Palazzin A., Rovida F, Zanchetta N, Maserati R., Bruno A., Cevini C., Gismondo MR³ and Meroni V. (Italy)

Neutrophil activation and enhanced release of granule products in HIV-TB immune reconstitution inflammatory syndrome

Nakiwala J.K., Walker N.F., Diedrich C.R., Meintjes G., Wilkinson R.J., Mayanja-Kizza H., Colebunders R., Kestens L., Wilkinson K.A., Lowe D.M. (South Africa, Belgium, UK, USA & Uganda)



Influence of age, IPTp-SP, malaria infection and anaemia on naturally acquired antibodies levels to DBL5 and ID1-ID2A and the antibodies' dynamic during postpartum in a rural setting of Burkina Faso

Traoré O., Yerbanga W.I., Sorgho H., Rouamba T., Ouedraogo N.I., Traoré-Coulibaly M., Valéa I., Tinto H., Belem A.M.G., Traoré Y. (Burkina Faso)

Low levels of soluble CD40 ligand in asymptomatic leishmania donovani co-infected HIV patients

Adriaensen W., Diro E., Abdellati S., Gedamu Y., Mengesha B., Adem E., Vogt F., van Henten S., Kestens L., Van Griensven J. (Belgium & Ethiopia)

Distribution of Duffy blood group (FY) phenotypes among Plasmodium vivax-infected patients in Nouakchott, Mauritania

Mint Hamdinou M., Deida J., Ebou M.H., El-Ghassem A., Lekweiry K.M., Ould Ahmedou Salem M.S., Tahar R., Simard F., Basco L., Ould Mohamed Salem Boukhary A. (Mauritania & France)

Killer-cell immunoglobulin-like receptor genotyping by MULTIPLEX PCR-SSP in a Venezuelan population infected with cutaneous Leishmaniasis

Sanjuan-Pacheco W.A., Goncalves L., Fermin, G. (Venezuela)

Platelet-activating factor mediates endotoxin tolerance by regulating indoleamine 2,3-dioxygenase-dependent expression of the suppressor of cytokine signaling 3

Kyung Tae Noh (South Korea)

Chronic Chagas disease: Functional polymorphisms associated with IL-10 expression as clinical prognosis markers

Grijalva A., Toledano A., Gallo-Vaulet L., Agüero R., Pino Martinez A., Bogdanovich E., Repetto H., Ruybal P., Repetto S., Alba Soto C.D. (Argentina)

Immune-modulatory effects of malaria co-infection with mycobacterium ulcerans disease in Ghana

Antwi-Berko D., Nausch N., Owusu W., Owusu-Dabo E., Batsa Debrah L., Debrah A.Y., Jacobsen M., Phillips R.O. (Ghana & Germany)

Decrease of serological markers of Th2 activity in a context of decreasing intestinal helminth prevalence: Chaco Region, Plurinational State of Bolivia

Della Bella C., D'Ellos M. M., Spinicci M., Mantella A., Roselli M, Monasterio Pinckert J., Gamboa Barahona H., Olliaro P., Montresor A., Bartoloni A. (Italy, Plurinational State of Bolivia, Switzerland & UK)

Parasitic exosomes as biomarkers for diagnosis in infectious diseases

G. Morales, D. Cardenas, C. Arroyo, L. Ayala, R. Seqqat, M. Torres (Ecuador)

Recent uptake of intermittent preventive treatment during pregnancy with sulfadoxine-pyrimethamine is associated with selection of Pfdhfr mutations in Bobo-Dioulasso, Burkina Faso

Cissé M., Awandare G.A., Soulama A., Tinto H., Hayette M.P., Guiguemdé R.T. (Burkina Faso, Ghana & Belgium)

K13 polymorphisms in Plasmodium falciparum from low and high malaria transmission areas in Kenya

Zaydah R. de Laurent, Lorna J Chebon, Luicer A. Ingasia, Hoseah M. Akala, Ben Andagalu, Matthew Brown, Lynette Isabella Ochola-Oyier, Edwin Kamau (Kenya)

Variable-Number-Tandem-Repeat Typing for Madurella mycetomatis isolates

Lim W., Eadie K., van de Sande W. (The Netherlands)

Trypanosoma cruzi analysis by Next Generation Sequencing reveals an important genetic expansion

Francisco Callejas-Hernández, Núria Gironès and Manuel Fresno (Spain)

High prevalence of Pfdhfr and Pfdhps genes mutations in pregnant women in Bobo-Dioulasso, Burkina Faso

Soulama A., Cissé M., Awandare A. G., Hayette M-P, Guiguemde T. R. (Burkina Faso, Ghana & Belgium)

Analysis of the Ubiquitin-conjugating (E2) gene, over-expressed in metacyclic promastigotes of Leishmania infantum extracted from Phlebotomus perniciosus

J. Larraga, A. Alonso, P.J. Alcolea, V. Larraga (Spain)

Genome-wide analysis of gene expression in a knock-in cell line of Leishmania infantum over-expressing the elongation factor 2 gene

Pedro J. Alcolea, Ana Alonso, Enrique Martínez, Basilio Valladares, Vicente Larraga (Spain)

Insights into Trypanosoma cruzi evolution, genotyping and molecular diagnostics from satellite DNA sequence analysis

Ramírez J.C., Torres C., Curto M.A., Schijman A.G. (Argentina)

Molecular subtyping of Blastocystis from symptomatic patients and healthy individuals from the southwestern Iran

Molouk Beïromvand, Leila Hardanipasand (Iran)

Molecular mutations profile of pfdhfr, pfdhps, pfmdr1 and pfcr1 genes of Plasmodium falciparum in Bata District (Equatorial Guinea): detection for the first time of mutation 164L in pfdhfr.

Berzosa P, García L, González V, Navarro M, Fernández T, Romay M, Herrador Z, Santana-Morales M, Riloha M and Benito A (Spain & Equatorial Guinea)

Increase in Pfdhfr & Pfdhps mutations after discontinuation of cotrimoxazole prophylaxis for HIV-1 infected individuals in malaria endemic areas

Juma D W, Muiruri P., Singa B, Stewart G J, Waitumbi J, Akala H M, Andagalu B, Yuhás K³, Polyak C, Brown M, Kamau E (Kenya & USA)

Expression analysis of Iron Super Oxide Dismutases (FeSOD A/ B) genes in sensitive and resistant field isolates of L. tropica to meglumine antimoniate using Real-Time RT-PCR

H. Hajjaran, A. Bahrami, E. kazemi-rad M. Mohebbali R. Raoofian, M.A.Oshaghi (Iran)

Pharmacogenetic profile of P450 2B6, 2C8 and 3A4 genetic variants and the clinical association with malaria recurrent infections in DR Congo

Vito Baraka, Helle Hansson, Hypolite Muhindo Mavoko, Carolyn Nabasumba, Filbert Francis, Pascal Lutumba, Michael Alifrangis Jean-Pierre Van Geertruyden (United Republic of Tanzania, Belgium, Democratic Republic of Congo, Uganda & Denmark)

Molecular epidemiology of hepatitis D virus in Togo

Anyovi F, Gerber A, Diabougba Os, Briclher S. D. Karou S, Le Gal F, Simpore J, Gordien E, Aoun O, François-Marie Lahaye-Christophe Rapp (Egypte, France, Burkina Faso & Togo)

Molecular characterization of Trypanosoma cruzi in 4 Chagas disease patients infected by different routes of transmission

Z. Moure, E. Sulleiro, Ismael Ibáñez, Jose Miguel Rubio, Andrea Martín, Javier Nieto, T. Pumarola M. Flores Chávez (Spain)

Plasmodium falciparum HRP2 & HRP3 gene deletions in Eritrea

Araia B., Selam M., Saleh M., Ghirmay E., Filmon H., Assefash Z., Anderson C., Cheng Q., Jane C. (Eritrea, Zimbabwe, Australia & Switzerland)



Exploring the Genetic Basis for Human Trypanotolerance in African Populations

Matovu E and the TrypanoGEN Network (Uganda)

IL6 promoter gene polymorphism underlying *Schistosoma haematobium* infection of the first case report of schistosomiasis in Corsica (France, Europe)

Botelho M.C., Cardoso R., Holtfreter M.C., Moné H., Mouahid G., Alves H., Richter J. (Portugal, Germany & France)

Complexity of infection and parasite relatedness of *Plasmodium falciparum* parasites populations in patients administered artemether-lumefantrine (AL) in Kenya

Chebon L. J., Peninnah M., Juma D., Akala H. M., Andagalu B., Kamau E., Brown M (Kenya & Nairobi-Kenya)

Role of mTOR in invasion, proliferation and egress of *Toxoplasma gondii* tachyzoites

González-del Carmen M., Rosas-Luna M., Ramírez-Salazar D.I., Fernández-Vázquez C.A., Jiménez-Patiño J.N., Varela-Cardoso M., Cariño-Calvo L. (México)

First genome of *Salmonella* concord, a highly resistant and virulent *Salmonella* serotype in the Horn of Africa

Cuyppers W.L., Dougan G., Jacobs J., Laukens K., Deborggraeve S., Van Puyvelde S. (Belgium & UK)

Viability of hookworm ova using metabolic profile

Gyawali P., Beale D. J., Ahmed W., Karpe A. V., Soares-Magalhaes R. J., Morrison P. D., Palombo E. A. (Australia)

Antifolate resistance mutations in *Plasmodium falciparum* isolates from the Central Africa Republic

Djibrine Djallé, Julienne Ipero, Gustave Serengbe Bobossi, Mirdad Kazanji, Alexandre Manirakiza (Central African Republic & France)

Evaluation of the pharmacokinetic-pharmacodynamic relationship of praziquantel in the *Schistosoma mansoni* Mouse Model: Possible clinical implications

Nada Abla, Jennifer Keiser, Mireille Vargas, Natalie Reimers, Helmut Haas, Thomas Spangenberg (Germany & Switzerland)

Moderate and severe LFT elevations in controlled human *P. falciparum* malaria infection model: Recent experience, literature review and mechanistic hypotheses

Samantha Akakpo, Stephan Chalon, Stephan Duparc, Theresa Shapiro, Paul Griffin, James McCarth (Switzerland, USA & Australia)

Cellulose filtration of blood from malaria patients for improving ex vivo growth of *plasmodium falciparum* parasites

Mkumbaye SI, Minja DTR, Jespersen JS, Alifrangis M, Kavishe RA, Mwakalinga SB, Lusingu JP, Theander TG, Lavstsen T and Wang CW (Tanzania & Denmark)

The establishment of an Enterovirus 71 (EV71) infection model with robust lethal neuro-pathogenicity in adult mice

Sun L., Tijsma A., Thibaut H.J., Mirabelli C., Delang L., Neyts J. (Belgium)

Establishing new line of *Plasmodium falciparum* using infected clonal strains in support of controlled human malaria infection studies

Redemptah Y., Agnes C. C., Charles O., Lorna J. C., Dennis J., Benjamin O., Hoseah M. A., Ben A., Edwin K., Mathew B. (Kenya)

Steroid hormones in murine schistosomiasis mansoni

Oliveira K.C., Cardoso R., Dos Santos A.C., Alves H., Richter J., Botelho M.C. (Portugal, Brazil & Germany)

Expression of angiogenic and inflammation markers in murine schistosomiasis mansoni

Dematei A., Fernandes R., Soares R., Gartner F., Alves H., Richter J., Botelho M.C. (Portugal & Germany)

Phage-fused epitopes from *Leishmania infantum* used as immunogenic vaccines confer partial protection against *Leishmania amazonensis* infection

Lourena Emanuele Costa, Beatriz Cristina Silveira Salles, Mariana Costa Duarte, Vivian Tamietti Martins, Daniela Pagliara Lage, Fernanda Fonseca Ramos, Marcella Rezende Rodrigues, Ana Maria Ravena Severino Carvalho, Thaís T. O. Santos, Grasielle de Sousa Vieira Tavares, Bruno Mendes Roatt, Daniel Menezes-Souza, Luiz Ricardo Goulart, Eduardo Antonio Ferraz Coelho (Brazil & USA)

Intra-dermal rabies vaccination in bovine: A life saving protocol

Dr. Omesh Kumar Bharti, Dr. Uppinder Kumar Sharma, Dr. Reeta Subramaniam Mani, Dr. Adarsh Kumar, Ms. Archana Phull (India)

Rabies antibody response after boosting 10 years or more after pre-exposure prophylaxis

De Pijper C.A., Langedijk A.C., Grobusch M.P., Stijnis C. (The Netherlands)

Genetic Analysis of Influenza B viruses circulating in the Democratic Republic of Congo, 2015-2016: Implication for the vaccine

Nkwembe E. (DRC)

Pneumococcal Vaccine Immunogenicity following allogeneic hematopoietic stem cell transplantation

Langedijk a.c., van aalst m., meek b., grobusch m.p., goorhuis a. (the netherlands)

The new Cuban pneumococcal vaccine pipeline: Clinical evaluation status and future considerations

Linares-Pérez N, Toledo-Romaní M.E., Dotres C.P., Puga R, Casanova M.F., Paredes B, Rodríguez L.M., Pérez A, Mirabal M, Armesto M, Santana D, García-Rivera D, Valdés-Balbín Y, Vérez-Bencomo V, and Laboratory-Pneumococci Group (Cuba & UK)

Measuring the burden of nasopharyngeal colonization in Cuban children: Prevalence and expected changes after pneumococcal vaccine introduction

Toledo-Romaní M.E., Linares-Pérez N, Casanova M.F., Chávez D, Rodríguez L.M., Mirabal M, Paredes B, Rodríguez M.C., Toraño G, Garcés A, Armesto M, Santana D, García-Rivera D, Valdés-Balbín Y, Vérez-Bencomo V, Laboratory-Pneumococci Group (Cuba)

Suspected cases of Adverse Event Following Immunization (AEFI) in pregnant women vaccinated after the last yellow fever mass immunization campaign in Kinshasa/Lemba

Nkuba N, Iteke F, Bulabula PJ, Matungulu E, Gheka M, Mukadi P, MUYEMBE JJ, Mbala P. Ahuka-MS (Democratic Republic of Congo)

Growth inhibition of peruvian amazon *p. falciparum* isolates by antibodies against N-terminal and central MSP10 domains

Villasis E., Bendezu J., Nolasco O., Garro K., Maldonado Y., Torres K., Infante B., Gamboa D., Vinetz J. (Perú & USA)

Safety and Immunogenicity of Co-administered Hookworm Vaccine Candidates Na-GST-1 and Na-APR-1 with Alhydrogel® and Glucopyranosyl-Lipid A in Gabonese adults

Ayola Akim Adegnika, Sophie de Vries, Jeannot Frejus Zinsou, Josiane Honkpehedji, Jean-Claude Dejon Agobe, Aurore Hounkpatin, Marguerite Loembe Massinga, Emmanuel Bache, Nadine Pakker, Remko van Leeuwen, Bertrand Lell, Peter G. Kremsner, Maria Yazdanbakhsh, Jeffrey Bethony, Peter Hotez, David Diemert, Martin P. Grobusch for the HOOKVAC consortium (Gabon, Germany, The Netherlands & USA)

Is early measles vaccination associated with stronger survival benefits than later measles vaccination?

Hansen J.S., Thysen S. M., Rodrigues A., Martins C., Fisker A. B. (Denmark, Guinea-Bissau & Denmark)

Wing sexual dimorphism in species and subspecies of Tsetse flies

Ebhodaghe F.I., Jaramillo-O N. (Ghana & Colombia)



A combined method to identify b-cell epitopes in *Phlebotomus perniciosus* saliva

Willen L., Kostalova T., Volf P. (Czech Republic)

Preparation of colloidal gold immunochromatographic test to detect dog exposure to *Phlebotomus perniciosus* in endemic settings of canine leishmaniasis

Willen L., Mertens P., Volf P. (Czech Republic & Belgium)

Discussion of two infection prevention and control training approaches to enhance biosafety in primary healthcare facilities during an outbreak of ebola virus disease

Kratz T., Verbeek L. (Germany)

Impact of integrating a pre-referral treatment of severe malaria with rectal artesunate at the community level: A non-inferiority trial in the Democratic Republic of Congo

Mvumbi P., Likwela J., Musau J., Okitolonda E., Faye O., Angoran-Benie H. (Democratic Republic of Congo)

Zika and abortion: Pragmatic and ethical implications for public health

Carabali M., Austin N., King N., Kaufman JS. (Canada)

A training curriculum for conducting clinical research during outbreaks

Horby, P., Denis, E., Kayem N.D., Reis, A., Rojek, A., Salam, A.P., Olliaro, P. (UK & Switzerland)

Sample size calculation in malaria non-inferiority treatment trials with outcome assessed by product-limit estimates of failure

Michel Vaillant, Piero Olliaro (Luxembourg, Switzerland & UK)

Validating and promoting 'rapid ethical assessment' as a practical method for enhancing ethical conduct of tropical disease research projects in developing countries

Addissie A., Mitiku I. (Ethiopia)

Treatment outcomes for multidrug resistant tuberculosis patients under dots-plus in developing countries: Systematic review and meta-analysis

Yonatan Moges, Kelemu Tilahun, Sibhatu Biadgilign (Ethiopia)

Usefulness of PET-CT for the diagnosis of tuberculosis

Adrián Sánchez-Montalvá, Fernando Salvador, Núria Saborit, Marta Barrios, Teresa Tórtola, Ana Villar, Israel Molina (Spain)

Herbal antimalarial, *Azadirachta indica*, decreases blood pressure and heart rate in Sprague Dawley rats

Kabilis, D.E., Anigbogu C.N. (Nigeria)

Performance of a Clinical Prediction Score for Targeted Creatinine testing in Africa

Martin Herbas Ekat (Congo-Brazzaville)

The Use of C-Reactive Protein Test in the Management of Febrile Patients from Korogwe District Hospital, Tanzania

Mahende C., Ngasala B., Lusingu J., Mårtensson T., Lushino P., Lemnge M., Mmbando B., Premji Z. (Tanzania, Denmark & Sweden)

Biological confirmation of a Cholera epidemic in the Democratic Republic of the Congo, 2016

B.Miwanda, O.Lunguya, C.Luzolo, B.Ntalu, M.Nzazi, G.Kalambayi, J.Kikoo, I.Kakongo, D.Kandolo, D.Yassa, A.Aruna, B.Kebela, G.Tshapenda, R.Piarroux, J.J.Muyembe (Democratic Republic of Congo & France)

Implication of using the GeneXpert for the detection of STIs in pregnant women in Kisantu Health Zone, DRC

Mvumbi G., Hoff N.A., Musene K., Gadoth A., Masisa M., Alfonso V.H., Okitolonda W.E., Muyembe-Tamfum, J.J., Rimoin A.W. (Democratic Republic of Congo & USA)

Development and validation of clinical algorithms for the diagnosis of Dengue in endemic areas of Colombia

Caicedo D.M., Méndez A.C., Tovar J.R., Celis J.A., Villegas L., Collazos C., Osorio L. (Cali-Colombia)

Safety of RVSV ebola vaccine, after 6 months follow-up, in adults: A phase 1 trial conducted in Lambaréné, Gabon

Fernandes JF, Bache EB, Obiang RM, Kabwende L, Mordmüller B, Krishna S, Kreamsner PG, Grobusch MP, Agnandji ST (Gabon, Germany, The Netherlands & UK)

Comparison of three diagnostic methods for malaria, rapid test of malaria (RDT), microscopy and Seminested Multiplex PCR in Bata District (Equatorial Guinea)

Berzosa P., Fernández-Martínez A., García L, González V, Romay-Barja M, Herrador Z, Díaz-Regañón R., Rodríguez-Galet A., Riloha M and Benito A (Spain & Equatorial Guinea)

Introducing single dose liposomal amphotericin b for the treatment of visceral leishmaniasis in Nepal: An experiences to support ongoing elimination programme

Karki P, Uranw S, Kattel V, Acharya B, Singh N (Nepal)

The potential impact of splenectomy in treatment of visceral leishmaniasis in a multi-experienced HIV-coinfected patient

Chiappetta S., Guffanti M., Cernuschi M., Bossolasco S., Maillard M., Ceserani N., Boeri E., Racca S., Castagna A., Gaiera G. (Italy)

Low probability for Zika virus (ZIKV) circulation in pregnant women from Madagascar in 2010 and evidence for cross-reactivity in malaria infected individuals leading to false positive anti-ZIKV IgG ELISA tests

Norbert G. Schwarz, Eva Mertens, Doris Winter, Oumou Maiga-Ascofaré, Denise Dekker, Stephanie Jansen, Dennis Tappe, Njary Randriamampionona, Jürgen May, Raphael Rakotozandrindrainy, Jonas Schmidt-Chanasit (Germany, Ghana & Madagascar)

rHAT Sero-Strip, a new rapid diagnostic test for *gambiense* sleeping sickness using recombinant antigens

Büscher P., Mertens P., Gillemans Q., Rooney B., Rogé S. (Belgium & UK)

Optimization of the dna extraction and real-time PCR for low parasitemia *leishmania* infections

Adem E, Van der Auwera G, Doleckova K, Adriaensen W, Van den Bossche D, Diro E, van Griensven J, Cnops L (Ethiopia & Belgium)

Cost-effectiveness analysis of new diagnostic tools for cutaneous leishmaniasis in Afghanistan.

Céline Aerts, Martijn Vink, Albert Picado, Sayed Jalal Pashtoon, Sami Nahzat, Isra Cruz, Elisa Sicuri (Spain, The Netherlands, Switzerland & Afghanistan)

Accuracy of a rapid test for the diagnosis of cutaneous leishmaniasis in patients with suggestive skin lesions in Morocco

Issam Bennis, Kristien Verdonck, Myriam Riyad, Nora el Khalfaoui, Hajiba Fellah, Hamid Sahibi, Gert Van der Auwera, Jean-Claude Dujardin, Marleen Boelaert (Morocco & Belgium)

Comparison of two Zika virus serological techniques and the influence of previous Dengue infection for the screening of asymptomatic pregnant women in a reference centre in Barcelona

Sulleiro E., Romero D., Rando A., Moure Z., Suy A., Esperalba J., Moreno R., Rodo C., Espasa M., Sánchez-Seco M.P., Pumarola T. (Spain)



Diagnostic performance of the InBiOS rapid diagnostic test for the detection of *Burkholderia pseudomallei* in blood culture broth: results of a phase II evaluation study

Peeters M., Chung P., Lin H., Mortelmans K., Phe C., San C., Kuijpers L., Teav S., Phe T., Jacobs J. (Belgium, Cambodia & USA)

Diagnostic accuracy of point-of-care circulating cathodic antigen, formalin-ether concentration and Kato-Katz techniques for *Schistosoma mansoni* infection in Niono, Mali

Hassan K. M. Fofana, Renion Saye, Sören L. Becker, Aly Landouré, Katja Polman, François Chappuis, Marleen Boelaert, Mamadou S. Traoré, Jürg Utzinger, Moussa Sacko (Mali, Switzerland, Germany & Belgium)

Diagnostic Indicators to distinguish between Dengue and Other Febrile Illnesses and Predictors for Severe Dengue – Results from the IDAMS Study

Lam P.K., Rosenberger K., Chanpheaktra N., Lum L.C.C., Pleitès E., Marques E.T.A., Tami A., Simmons C., Wills B., Jaenisch T. (Vietnam, Germany, Cambodia, Malaysia, El Salvador, Brazil & Venezuela)

Formulation and evaluation of quinine hydrochloride loaded ethosomes

Agbo C.P., Nwabueze H.U., Offor E.N., Attama A.A. (Nigeria)

Antibiotic Stewardship Programs in Hospitals in Low-and Middle Income Countries: Current Status, Priorities and Barriers

Cox J.A., Jacobs J., Vlieghe E. (Belgium)

Improving basic hygiene among health care workers through ebola-training: A field perspective

Kaboré R.P., Kaboré D.S.R., Zida S., Ouedraogo N.W., Verbeek L., Gies S. (Burkina Faso & Germany)

Clinical mentoring via mobile teams - a new approach to visceral leishmaniasis care in resource-constrained settings in Africa

Margriet den Boer, Merce Herrero, Mounir Lado, Atia Atiaby, Duncan Ochol, Cherinet Adera, Jorge Alvar, Betgel Mekonen, Koert Ritmeijer (UK, Switzerland, South Sudan, Sudan, Ethiopia & The Netherlands)

Metabolic syndrome and associated factors among HIV patients taking antiretroviral treatment in Ethiopia

Mesfin N., Getachew A., Fasika S., Bayisa M., Demisse AG, Abebe SM (Ethiopia)

Skin cancers of the head and neck in black albinos

A cross sectional study in a Teaching University Hospital of Cameroon

Bola Siafa A., Djomou F., Atenguena E. (Cameroon)

Onchocerciasis-associated neurodevelopmental deficits: The hit squad

Kashama JM, Nseka MT, Bora K, Musasa H, Kambaja B, Bumoko M, Kunyu B, Okitundu D, Mwanza JC, Tshala-Katumbay D, Mumba Ngoyi D (Democratic Republic of Congo & USA)

Chronic multi-morbidity among bangladeshi adult population

Khan N., Rahman M., Afsana K. (Bangladesh)

Prevalence of selected cardiovascular risk factors in ART-naïve HIV infected patients in Lilongwe, Malawi

Neuhann F, Phiri S, Heller T, Chaweza T, Tweya H, Fätkenheuer G, Demir M, Steffen HM (Germany & Malawi)

Acute pancreatitis in Albanian patients with HFRS

Puca E, Qyra E, Muco E, Qato M, Tomini E, Pipero P, Kote M, Bino S (Albania)

Epidemiology and Clinical Presentation of MERSCoV in Saudi Arabia: A Systematic Review

Shafi Hussain Alqahtani, Muteb Nasser Aldawsari (Saudi Arabia)

Seroprevalence and risk factors for hepatitis B and C Virus infections among non-pregnant, healthy mothers in Addis Ababa city administration, Addis Ababa, Ethiopia

Biazin H., Abebe T., Mihret A. (Ethiopia)

Identification of approved drugs that have activity against *Plasmodium falciparum* using *in silico* and *in vitro* approaches

Reagan M. M., Akala H., Juma D., Cheruiyot A., Macharia R., El-shemy H., Andagalu B., Brown M., Nyanjom S. (Egypt & Kenya)

Correlation between cytokine profile and left ventricular function in chronic chagasic patients

Sousa, RC Bernardo, D; Silva, MV, Costa, TA; Rodrigues, V, Correia, D. (Brazil)

Haemoglobin changes and risk of anaemia following treatment for uncomplicated falciparum malaria in sub-Saharan Africa

Julien Zwang, Umberto D'Alessandro, Jean-Louis Ndiaye, Abdoulaye A Djimé A, Grant Dorsey, Andreas Mårtensson A, Corine Karema, Piero L Olliaro (Thailand, The Gambia, Belgium, Senegal, Mali, USA, Sweden, Switzerland & UK)

Low prevalence of hepatitis B and C viruses among HIV-infected children in HIV specialized clinics in Kinshasa (Democratic Republic of Congo)

Mosema Be Amoti K., Sabi Ngezie L., Mbala Kangoy J., Aketi L., Ahuka Mundeke S., Shiku Diayisu J. (Democratic Republic of Congo & Belgium)

Cross-sectional analysis in young non-pregnant and pregnant women in Burkina Faso of associations between biomarkers of iron status and effect modification by inflammation and *P.falciparum* infection

Diallo S., Gies S., Ki A., Pagbelguem J.G., Tinto H., Ouedraogo G.A., Brabin B.J. (Belgium, Germany, UK & Burkina Faso)

The Global Point Prevalence Survey of Antimicrobial Consumption and Resistance (Global-PPS): First Results of antimicrobial prescribing in a tertiary care hospital in Guinea

Sow M.S., Versporten A., Goossens H., Sylla A.O. (Guinea & Belgium)

Onchocerciasis associated epilepsy and blackflies in the Democratic Republic of the Congo (DRC)

Komba Michel, Anne Laudisoit, Floribert Tepage, Michel Mandro, Bethany Levick, Patrick Suykerbuyk, Amundala Drazo Nicaise, Alliance Tagoto, Dadi Falay, Robert Colebunders (Democratic Republic of Congo, Belgium & UK)

Vitamin D related placental gene expression in women living in helminth endemic Gabon

Harder J, Esen M, Adegnika AA, Yazdanbakhsh M, Prazeres da Costa C (Germany)

Snakebites in Agok hospital, South Sudan

Finci I., Guadarrama A., Rusch B., Rull M., Aloudat T., Serafini M., Ciglonecki I., Alcoba G. (Switzerland & South Sudan)

Frequency of *Taenia solium* antigen positivity in patients admitted for neurological disorders in the Rural Hospital of Mosango, Province of Kwilu, the Democratic Republic of Congo

Bottieu E., Mukendi D., Barbe B., Yansouni C.P., Dorny P., Gabriël S., Winkler A.S., Lutumba P., Chappuis F., Boelaert M. (Belgium, the Democratic Republic of Congo, Canada, Norway & Switzerland)

Treatment issues with acute Schistosomiasis in a cluster cohort of 34 travelers infected in South Africa An observational study

Clerinx J, Maniewski U, Cnops L, Soentjens P, Van Esbroeck M, Bottieu E. (Belgium)



Epidemiological characteristics of snake-bite victims in Gadarif hospital, eastern Sudan

Saeed M. Omar, Mohammed Ahmed A. Ahmed, Gamal K. Adam, Tajeldin M. Abdalla, AbdelAzim A. Ali (Sudan)

Genetic diversity and antiretroviral drug resistance among Drug-Naïve HIV Type 1 Infected Patients attending Clinics in Kinshasa, Democratic Republic of Congo

Kamangu Ne, Chatte A, Susin F, Boreux R, Kalala Lr, Mvumbi Lg, De Mol P, Vaira D, Hayette M-P (Democratic Republic of Congo, Tchad & Belgium)

Health professionals and students' awareness of Chagas disease in Spain

Ramos-Rincón J.M., Ruano M., Martorell C., López-Amorós A.I., Santos J.J., Torrús D., Navarro M. (Spain)

Antibiotic resistance: The need for interdisciplinary education tailored to low-resource settings

Stassijns J., Vlieghe E., Caluwaerts A., Zolfo M., Jacobs J. (Belgium)

Incidence of adverse drug reactions resulting from the use of Amodiaquine-Artesunate in Nanoro, Burkina Faso

Rouamba T., Nakanabo D.S., Tarnagda Z., Derra K., Kazienga A., Valéa I., Pagnoni F., Kirakoya-Samandoulougou.F., Tinto H. (Burkina Faso, Belgium & Switzerland)

The risk and predictors of visceral leishmaniasis relapse in HIV Co-infected patients in Ethiopia: A Retrospective Cohort Study

Charles Abongomera, Ermias Diro, Florian Vogt, Achilleas Tsoumanis, Zelalem Mekonnen, Henok Admassu, Robert Colebunders, Rezika Mohammed, Koert Ritmeijer, Johan van Griensven (Ethiopia, Belgium & The Netherlands)

Prevalence and risk factors of high blood pressure in HIV-infected patients at Parakou (Benin)

Ahanhanzo Glele R, Amidou S, Codjo L, Dovoanou A, Attinsounon C, Houehanou C, Azogan F, Tchegble C, Houinato D (Benin)

Antimalarial drug resistance in Vietnam: A review of drug efficacy studies from 2008 to 2016

Nguyen Van Hong, Bui Quang Phuc, Ta Thi Tinh, Umberto D'Alessandro, Jean Pierre Van Geertruyden, Anna Rosanas-Urgell, Annette Erhart (Vietnam, UK & Belgium)

Clinical observations implicate a gradual dormancy concept in malaria

richter J., Franken G, Holtfreter MC, Walter S, Labisch A, Mehlhorn H (Germany)

Arterial stiffness in chronic indeterminate Chagas disease: A case-control study

Angheben A., Valbusa F., Zerbato V., Chiampan A., Guerriero M., Arcaro G., Bisoffi Z., Fava C. (Italy)

Cost-effectiveness of Liposomal Amphotericin B treatments for paediatric visceral Leishmaniasis in Morocco

Alonso A, Tachfouti N, Najdi A, Sicuri E, Picado A (Spain, Mozambique, Morocco, UK, & Switzerland)

Tolerance of treatment of Chagas disease

Carrillo Acosta I., Pérez Tanoira R., Cabello Úbeda A., Prieto Pérez L., Álvarez Álvarez B., Fernández Guerrero M., Fernández Roblas R., Fonseca Berzal C.R., Gómez Barrio A., Górgolas M. (Spain)

Histoplasmosis in Europe an uncommon condition, associated with HIV infection

Cabello A., Provencio A., Prieto-Pérez L., Pérez-Tanoira R., Úbeda A., Téllez R., Fortes J., Gadea I., Fernández-Guerrero M.L., Górgolas M. (Spain)

Dermatophytosis in patients with Podoconiosis in the Ethiopian highlands

Prieto-Pérez L., Pérez-Tanoira R., Ramos J.M., Zarco C., Fortes J., Tesfamariam A., Reyes F, Cabello Úbeda A., Górgolas M. (Spain & Ethiopia)

Diagnosis of cutaneous anthrax with the naked eye in resource poor settings

pérez-Tanoira R., Ramos J.M., Prieto-Pérez L., Cabello A., Carrillo I., Cuadros J., Reyes F., Tesfamariam A., Górgolas M. (Ethiopia & Spain)

Pathogenic Fungal Species Associated with Digestive System of *Periplaneta americana* L. (Blattaria: Blattidae) Trapped from Residential Dwellings in Ahvaz city, Southwestern Iran

Kassiri H., Zarrin M., Veys- Behbahani R. (Iran)

Intra-articular virus RNA shedding in Zika virus (ZIKV) and Chikungunya virus (CHIKV) Co-infection correlates with long-lasting infection, higher severity and systemic poor viral clearance

Marta G Cavalcanti, Eduardo Scarlatelli Pimenta, Luis Roimicher, Larissa S Santana, Jorge L S Gonçalves, Mauro J Cabral-Castro, José M Peralta (Brazil)

Prevalence and risk factors of CTX-M *Enterobacteriaceae* in hospitalised patients at a tertiary hospital in Kilimanjaro, Tanzania

Sonda T., Kumburu H., van Zwetselaar M., Alifrangis M., Mmbaga B., Lund O., Aarestrup F., Kibiki G. (Tanzania & Denmark)

Autochthonous cases of Strongyloidiasis in the Czech Republic

Stejskal F., Polívková S., Pytlík R., Slížek M., Richterová L. (Czech Republic)

Factors associated with indeterminate cause of death in rural Southern Mozambique

Augusto O., Sacoor C., Nhacolo A., Jamisse E., Filimone P., Hunguana A., Matsena T., Vilanculo F., Sevene E., Bassat Q. (Mozambique & Spain)

Safety and tolerability of two regimens used to treat multi-drug resistant Tuberculosis in Kinshasa: A prospective cohort

Lula Y., Engo A., Nsimba G., Mbo J., Mulongo R., Bisuta S., Bakaswa G., Mesia G., Tona G., Van geertruyden J.P. (Democratic Republic of Congo & Belgium)

Safety and tolerability of artesunate and amodiaquine combination in the treatment of uncomplicated malaria in Kinshasa: A pilot cohort event monitoring study

Lula Y., Nzolo D., Ntamabyaliro P.M., Nanga T., Mesia G., Tona G., Van geertruyden J.P. (Democratic Republic of Congo & Belgium)

The epidemiology of *Taenia Saginata* and *Taenia Solium* in Western Europe: A systematic review

Laranjo-González M., Devleeschauwer B., Trevisan C., Allepuz A., Sotiraki S., Dorny P., Gabriël S., Dermauw V. (Spain, Belgium, Denmark & Greece)

Long term evolution of the clinical complications of ebola virus disease: Results of the Postebogui cohort

Toure A., March L., Sow M.S., Etard J.F., Kpamou C., Savane I., Keita A.K., Koivogui L., Barry M., Delaporte E., Postebogui Study group (France & Guinea)

Systematic literature review of antibiotic stewardship interventions in hospitalized patients in low- and middle-income countries

Van Dijck C., Vlieghe E., Cox J.A. (Belgium)



Clinical patterns of tetanus and HIV co-infection in a referral hospital in Ethiopia: A case series

Lomencho A., Fantaye H., Azazh A. (Ethiopia)

Clinical management and outcomes of alveolar echinococcosis in a tertiary care centre in Prague

Stejskal F., Trojanek M., Kolarova L. (Czech Republic)

Zika Virus Infection on human umbilical vein endothelial cells induces cell death and activation of secondary hemostasis

Fatih Anfasa, Widagdo Widagdo, Marco Goeijenbier, Jurre Y. Siegers, Noreen Mumtaz, Nisreen Okba, Stalin Raj Victor, Debby van Riel, Marion P.G. Koopmans, Joost C.M. Meijers, Byron E. E. Martina (The Netherlands & Indonesia)

Tuberculosis and Diabetes co morbidity in Tamale metropolis of Ghana. A mirage or reality?

Helegbe G.K., Bakari I., Aryee P.A., Wemakor A., Ameade P. E. K., Mohammed B. S. (Ghana)

Epidemiology of human Histoplasmosis in Germany: 2000-2016

Wilmes D., Losert H., Antweiler E., Tintelnot K., Rickerts V. (Germany)

Prevalence of hepatitis C virus co-infection among patients enrolled in routine HIV care in three outpatient departments with varying risk profiles in Phnom Penh, CambodiaIwamoto M., Kim S.C., Suonsopheak M., Sangky L., Dimanche C., Heang S., Islam S., Chikwanha I., Balkan S.¹ Maman D. (Cambodia)**Infectious aetiology of persistent digestive disorders (≥2 weeks) in Niono, Mali, and implications for treatment**

Renion Saye, Sören L. Becker, Hassan K. M. Fofana, Mama Niélé Doumbia, Katja Polman, Marleen Boelaert, François Chappuis, Mamadou S. Traoré, Jürg Utzinger, Moussa Sacko (Mali, Switzerland, Germany & Belgium)

Digestive disorders in Mali: Assessment of a neglected public health issue

Renion Saye, Aly Landouré, Mama Niélé Doumbia, Sören L. Becker, Katja Polman, Marleen Boelaert, François Chappuis, Jürg Utzinger, Moussa Sacko, Mamadou S. Traoré (Mali, Switzerland, Germany & Belgium)

Multicenter surveillance of bloodstream infections in Kisangani, Oriental Province, Democratic Republic of the Congo: Quality indicators from blood cultures

Falay D., Peeters M., Mapendo B., Hasivirwe E., Phoba M-F., Lunguya O., Devlieger H., Van Geet C., Ngbonda D., Jacobs J. (Republic of the Congo & Belgium)

Trypanosoma cruzi in Spain: Genotyping in congenital and chronic Chagas disease

Flores-Chavez M.D., Domínguez-Hidalgo C., Martínez S., Ibáñez I., Pérez P., García E., Nieto J. (Spain)

The influence of dengue virus serotype on disease severity

Mulyaningrum U., Rochmah F.S.N. (Indonesia)

Susceptibility profiles of Mycobacterium ulcerans isolates to streptomycin and rifampicin in two districts of the Eastern Region of Ghana

Enid Owusu, Mercy Jemima Newman, Nana Konama Kotey, Amos Akumwena, and Elizabeth Bannerman (Ghana)

Investigation of markers of artemisinin resistance at selected intervals during the 72-hour period after artemisinin based combination therapy dosing in Kisumu western Kenya

Apollo Asenath, Lorna J. Chebon, Keneth K. Mitei, Peninah Muiruri, Zaydah de Laurent, Benjamin Opot, Dennis W. Juma, Hoseah M. Akala, Andrew Nyerere, Ben Andagalu, Matthew L. Brown (Kenya)

Contribution of outreach training and supportive supervision (OTSS) in improving the quality of malaria diagnosis in DRC

Landela A.L., Kutumbakana S, Fozo A.; Troy M, Mandoko P., Kunyu B., Lukuka A., Likwela J., Muyembe JJ, Mumba D (Republic of the Congo & USA)

SMS photograph-based external quality assessment of reading and interpretation of malaria rapid diagnostic tests in the Democratic Republic of the Congo

Mukadi P., Gillet P., Barbé B., Luamba J., Lukuka A., Likwela J., Mumba D., Muyembe J.J., Lutumba P., Jacobs J. (Democratic Republic of the Congo & Belgium)

Effect of additional instructions for sputum sampling on microscopic tuberculosis detection in Kinshasa, Democratic Republic of Congo

Kupa S.M., Aloni M., Bakoko B., Sabi L., Mukadi D., Nkuba A., Mujangi B., Musala S., Kaswa M., Ahuka M.S. (Democratic Republic of the Congo)

Photo-based external quality assessment of malaria rapid diagnostic tests in a non-endemic setting

Vernelen K., Barbé B., Gillet P., Van Esbroeck M., China B., Jacobs J. (Belgium)

UV visible spectrophotometric determination of the quality of antiretroviral drugs distributed in Kinshasa

Kamangu NE, Mbinze KJ, Mingu MA, Bolavie BJ, Mvumbi LG, Kalala LR, Mesia KG, Lusakibanza M, Mavar J, Marini DR (Democratic Republic of Congo & Belgium)

Rethinking the approach of medicine stability testing

Grech J., Robertson J., Thomas J., Cooper G., Naunton M., Mutambuze, I., Kelly T. (Australia & Uganda)

A systematic review and meta-analysis of the risk of transfusion transmitted malaria from blood donors in sub-Saharan Africa

Selali Fiamanya, Pierre Buffet, Philippe J Guérin (UK & France)

Post-market surveillance-response system to detect and monitor rdt manufacturing defects

Zwingerman N., Adah P., Doherty O., Seadon K., Yeung E., Ferro S. (Canada & Nigeria)

Pre-travel guidelines needed for travelers with an immunocompromised status or chronic disease

Van Aalst M., Verhoeven R., Omar F., Stijnis C., van Vugt M., de Bree G.J., Goorhuis A., Grobusch M.P. (The Netherlands)

Lobomycosis in an Italian traveler acquired during 5 days-honeymoon in the Amazon region of Venezuela

Beltrame A., Danesi P., Farina C., Orza P., Perandin F., Capelli G., Rodari P., Staffolani S., Bisoffi Z. (Italy)

Cardiovascular disease risk prediction in sub-Saharan African migrant and home populations – Comparative analysis of risk algorithms in the Rodam study

Boateng D., Agyemang C., Beune E., Liam S., Schulze M.B., Agyei-Baffour P., Kengne A.P., Grobbee D.E., Stronks K., Klipstein-Grobusch K. (The Netherlands, Ghana, UK, Germany & South Africa)

An unusual case of leprosy from Germany – Just an exception of the rule?

Saar M., Beissner M. Hanus I., Huber K., Löscher T., Bretzel G. (Germany)

The challenge of persistent parasitic and viral infections among prisoners from sub-Saharan Africa and Latin America: A cross-sectional study in Geneva, Switzerland

Laurent Getaz, François Chappuis, Hans Wolff, Pedro Albajar-Vinas, Marco Vitoria, Nguyen-Toan Tran, Lillian Da Silva Santos (Switzerland)

“He doesn’t seem to understand it as an illness”: Mental health interventions for migrant victims of torture and other forms of ill treatment

Womersley G., Kloetzer L., Van den Bergh R., Venables E., Kotsioni I., Kokkiniotis M., Zamatto F. (Switzerland & Greece)



Epidemiological, microbiological and clinical data of traveller pregnant women returning from vector-borne endemic areas for Zika virus

Rodó C., Soriano-Arandes A., Suy A., Sulleiro E., García I., Frick A., Rando A., Arévalo S., Pumarola T., Carreras E. (Spain)

Human filariasis: Transversal study on imported cases at an International Health Reference Unit in Barcelona

Irigoyen von Sierakowski A., Treviño Maruri B., Pou Ciruelo D., Serre Delcor N., Bocanegra García C., Oliveira de Souto I., Espasa Soley M., Sulleiro Igual E., Zarzuela Serrat F., Molina Romero I. (Spain)

HbA_{1c} and fasting glucose perform poorly as screening tests for diabetes in African immigrants: The Africans in America study

Utumatwishima J.N., Baker R.L., Bingham B., Sacks D., Sumner A. (USA)

Delayed *Plasmodium falciparum* malaria in three migrants

Mariana Figueiredo Ferreira, Nicolas Dauby, Déborah Konopnicki, VT Phuong Nguyen, Brigitte Cantinieaux, Charlotte Martin (Belgium)

Colonisation of German soldiers returning from deployment with enterobacteriaceae with resistance against 3rd generation cephalosporins

Sandra Rojak, Hagen Frickmann, Winfried Maaßen, Dorothea Wiemer (Germany)

Trip (Travel Remote Information Platform), a platform for monitoring traveler's health

Rodriguez-Valero N., Ledesma Carbayo M.J., Cuadrado Sanchez D., Vladimirov A. Vera I., Roldan M., De Alba T., Sanz S., Luengo Oroz M., Muñoz J. (Spain)

Epidemiological and clinical characteristics of imported chagas disease in a hospital in Madrid

Carrillo Acosta I., Pérez Tanoira R., Cabello Úbeda A., Prieto-Pérez L., Álvarez Álvarez B., Fernández Guerrero M., Fernández Roblas R., Fonseca Berzal C.R., Gómez Barrio A., Górgolas M. (Spain)

Risk factors of imported malaria in a non-endemic country

Pérez-Tanoira R., Cabrera Rodrigo I., Prieto-Pérez L., Herrero Martínez J.M., Cabañuz C., Fernández Roblas R., Cabello A., Pérez De Ayala A., Carrillo Acosta I., Górgolas M. (Spain)

Serological screening for cysticercosis in internationally adopted children in Italy

Zammarchi L., Fantoni T., Chiappini E., Angheben A., Mantella A., Galli L., Marchese V., Zavarise G., Bisoffi Z., Bartoloni A. (Italy)

Impact of antimalarial chemoprophylaxis on clinical presentation of imported malaria in children: A retrospective study in a Parisian university hospital

Cavasino T., Bourayou R., Craiu I., Federici L., Regnard D., Zenkhri F., Angoulvant A., Pham L.L. (France)

Artemisin-based combination therapy for the treatment of non-severe imported malaria in children: A retrospective study in a Parisian university hospital

Matzak S., Cavasino T., Bourayou R., Craiu I., Bisserbe A., Angoulvant A., Pham L.L. (France)

Severe cases of imported plasmodium ovale malaria in a french university hospital center: A 2015-2017 retrospective cohort study

Méchain M., Lambert Y., Duvignaud A., Pistone T., Millet P., Gabriel F., Augis V., Receveur M-C., Malvy D. (France)

Zika virus infection – The experience of a reference laboratory for its surveillance in Catalonia

E. Sulleiro, A. Rando A, D. Romero, J. Esperalba, D. Pou, A. Sánchez Montalva, M.P. Sánchez Seco, A. Suy, I. Molina, T. Pumarola (Spain)

First results of an HIV counselling and testing project in the irregular migrant population of Doctors of the World, Antwerp

Couderé K., Wouters K., Erven G., Van Den Heuvel A., Fransen K. (Belgium)

Cystic echinococcosis in refugees from Syria and Iraq

Richter J, Trebesch I, Gertler M. (Germany)

MYHEALTH: Models to engage migrants and refugees in their health, through community empowerment

Esteban Serna E., Qureshi A., Oliveira-Souto I., Collazos P., Ouaraab H., Gomez i Prat J., Molina Romero I., Serre-Delcor N., MyHealth Project group. (Spain)

Mental health among migrants and refugees in Bulgaria: The health policy perspective

Trendafilova P.D., Spiridonov St. (Bulgaria)

Synergetic effects of Plasmodium, Hookworm and *Schistosoma mansoni* infections on hemoglobin level among febrile school age children in Jawe Worda, Northwest Ethiopia

Hailu T., Yimer M., Mulu W., Abera B. (Ethiopia)

Pulmonary tuberculosis in children: Our experience with 717 patients and analysis of factors affecting mortality

Mukuku O., Bafwafwa D.B., Kanteng G.W., Mutombo A.M., Luboya O.N. (Democratic Republic of Congo)

Risk factors of low birth weight in Lubumbashi, Democratic Republic of Congo

Mukuku O., Ilunga P.M., Mutombo A.M., Lubala T.K., Luboya O.N. (Democratic Republic of Congo)

Evaluation of outcome and status of perinatally HIV-exposed children: A hospital based study at Eastern Nepal

Prakash Poudel, Shipra Chaudhary, Shailaja Chhetri (Nepal)

The public health and economic implications of infant male circumcision in rural Ghana; A community level population based study

Gyan T., McAuley K., Strobel A. N., Newton S., Owusu-Agyei S., Edmond M.K. (Australia & Ghana)

Caring practises of mothers with low birth weight infants in the neonatal period; a retrospective qualitative study in the Hohoe municipality, Ghana

Schuler C., Ntow G. E., Agbozo F. (Switzerland, Ghana & Germany)

Prevalence of opportunistic infections in HIV infected children in Tajikistan

Ashurova R.Sh., Juraeva N.S. (Tajikistan)

The global burden of rotavirus mortality: results from the global burden of diseases study 2016

Khalil I., Troeger C., Rao P., Mokdad A. (USA)

An evaluation of continued cognitive and motor decline in Congolese Konzo children during four-year follow-up

Musasa Hilaire MD, Daniel Okitundu, MD, Bumoko Makila-Mabe, MD, Marie-Therese Sombo, MD, Dieudonne Mumba, MD, Alla Sikorskii, PhD, Banea Mayamba, PhD, Michael J. Boivin, PhD, Desire Tshala-Katumbay, PhD (Democratic Republic of Congo & USA)



Community acquired pneumonia in Cuban children under five, 2009-2015

Borroto-Gutiérrez S.M., Linares N., Toledo M.E., Mirabal M., Reyes A., Abreu G., Molina N., Tamayo C., González N., Ramos L.T. (Cuba)

Trends in tuberculosis epidemiology among children in The Democratic Republic of Congo

Aketi L., Shiku D. J., Kashongwe Z., Lay G., Kibadi K., Kayembe K. P. (Democratic Republic of Congo)

Clinical profile and factors associated with a poor outcome in childhood tuberculous meningitis in a developing country: A 10 year case review

Aketi L., Shiku D. J., Tshibassu P., Nkwadiolandu A., Kashongwe Z., Lubala K.T., Mande D., Kayembe K.P. (Democratic Republic of Congo)

Childhood tuberculosis in a rural hospital in southeast ethiopia: A seventeen-year retrospective study

Ramos J.M.Pérez-Butragueño M., Comeche B., Tesfamariam A., Reyes F., Gorgolas M. (Ethiopia & Spain)

Severe malaria and risk factors associated to the lethality in children admitted in Jason Sendwe hospital, Democratic Republic of the Congo

Augustin Mutombo, Jenny Ndua, Olivier Mukuku, Christelle Tshibanda, Eric Mukomena, Stanislas Wembonyama, Oscar Luboya, J.-P. Van Geertruyden, Pascal Lutumba (The Democratic Republic of the Congo & Belgium)

Home-based management of presumptive malaria in children under 5 years old in an urban health area, Democratic Republic of the Congo

Augustin Mutombo, Christelle Tshibanda, Gray Kanteng, Eric Mukomena, Stanislas Wembonyama, Oscar Luboya, Pascal Lutumba, Abel Ntambue (The Democratic Republic of the Congo & Belgium)

Maternal Food Variety is Associated with Low Birth Weight in the Cape-Coast Metropolis of Ghana

Quansah D.Y., Boateng D., Moser M.A., Chun O.C., Hyojee J. (South Korea, The Netherlands & USA)

Prevalence and determinants of under and overnutrition among under five children in Bengo province, Angola

Brito M., Gaimberri S., Fançony C., Soares A. Centro de Investigação em Saúde de Angola (CISA), Caxito, (Angola & Portugal)

Prevalence of *Helicobacter pylori* antigens and antibodies in asymptomatic children in Kinshasa, DR Congo

Alama I.N., Ahuka M.S., Kokolomami J., Makiala M.S., Ngwaka M.N., Luinza B.F., Sabi N.O.L., Bompangue N.D., Lunguya M.O., Muyembe T.JJ. (Kinshasa)

Burden of hospitalized children due to diarrhoea associated with rotavirus infection before immunization program in Moshi Tanzania

Chotta N.S., Shao E.R., Kinabo G. (Tanzania)

Etiology of fever in hospitalized children in Gabon: Preliminary results

Fernandes J.F., Held J., Dorn M., Agnandji S.T., Adegnika A.A., Kremsner P.G., Mordmüller B., Grobusch M.P. (Germany, Gabon & The Netherlands)

Risk values of metabolic and nutritional parameters in Cuban urban scholars, adolescents and elders

Hernández-Hernández H.D., Díaz-Domínguez M., Ruiz-Álvarez V., Lanyau-Domínguez Y., Hernandez-Triana M., Rodríguez-Domínguez L., Llibre-Rodríguez J.J., Quintero-Alejo M.E., Arocha-Oriol C. (Cuba & Mexico)

Neonatal hyperbilirubinemia in hospitalized neonates on the Thai-Myanmar border: An audit of neonatal medical records from 2009 to 2014

Thielemans L., Trip-Hoving M., Landier J., Hanboonkunupakarn B., Po C., Wah Ts., Beau C., Van Overmeire B., McGready R., Carrara V. (Thailand; Belgium & UK)

Clinical and neurodevelopmental outcome of newborns with excessively high levels of serum bilirubin in a limited-resource setting: A matched case-control study

Wouda E.M.N., Thielemans L., Ngerseng T., Darakamon M.C., Nge A.A., Say W.W., Mawker N., van Rheeën van P.F., McGready R., Carrara V.I. (Thailand, The Netherlands, Belgium & UK)

Comparative post-rainy season surveys of malaria-associated morbidity among febrile pediatric patients in Nouakchott, Mauritania

Ould Ahmedou Salem M.S., Deida J., Ould Khalef Y., Elghassem A., Mint Lekweiry K., Basco L., Tahar R., Ould Mohamed Salem Boukhary A. (Mauritania & France)

Associated factors to double burden of malnutrition stunting of child and overweight or obesity of mother in a secondary city of Benin

Jacques Saizonou, Charles Sossa-Jérôme, Bernard Dembélé, Virginie Mongbo, Edgard-Marius Ouendo (Benin)

Determinants of exclusive breastfeeding practice to infants aged less than six months in Offa district, Southern Ethiopia: A cross-sectional study

Yohannes B., Lenja A., Demissie T., Yohannis M. (Ethiopia)

Household food insecurity and associated factors in West Abaya district, Southern Ethiopia

Yohannes B., Malla S., Demissie T., Yohannis M. (Ethiopia)

Predictors of low birth weight in government health facilities of Sodo town in South Ethiopia

Yohannes B., Kastro S., Demissie T. (Ethiopia)

Complementary feeding practice to infants in rural Soro district of Southern Ethiopia: A community based study

Yohannes B., Ejamo E., Thangavel T. (Ethiopia)

Prevalence of Hepatitis B and C among HIV positive and HIV negative children in South-Kivu, DRC

Serge MIYANGA, Liliane SABI, Nadine NGWAKA, Daniel MUKADI, David LUPANDE, Steve AHUKA, Jeff KABINDA (Democratic Republic of Congo)

Does the deployment of HIV diagnostic assistants in Malawi improve early infant HIV Diagnosis and enrollment to care?

Teferi Beyene, Maria Zolfo, Joseph Mhango, Katie Simon, Walter Kizito, Stephen Chu, William Peno, James Kumwenda, Alemayehu Amberbir, Saeed Ahmed, Maria Kim, Peter N. Kazembe (Malawi, USA, Kenya & Belgium)

Neonatal mortality in Derashie District in Southern Ethiopia

Yohannes.B., Tadele M. (Ethiopia)

Clinico-epidemiological profile and outcome of snake bites victims: A pilot project to monitor and accelerate the reduction of snake bite mortality - Touboro health district Cameroon - 2016

Djikeussi K.T., Nko' Ayissi.G., Etoundi G.A., Mathieu E. (Cameroon & USA)

Integrating nutrition into local development plans: A challenge for Burkina Faso

Ouedraogo O., Doudou M.H., Drabo K.M., Ouaro B., Donnen P. (Belgium & Burkina Faso)

Impaired child development in the Amazon region of Peru: Describing the current situation and identifying early-life targets for intervention

Blouin B., Casapia M., Gyorkos T.W. (Canada & Peru)



Anemia and its relationship with school performance among adolescent school girls in Kebena district, Southwest Ethiopia

Teni M., Shiferaw S., Assefa F. (Ethiopia)

Uptake of HIV Testing and Counselling (HTC) among acutely malnourished children in rural and urban Blantyre, Southern Malawi: A retrospective comparative review

Kalumbi L.R., and Kamanga F. (Malawi)

Factors affecting undernutrition in pre-school children of Punjab, Pakistan: Analyzing trends between 2008-2014

Abbas, F., Sadiq, M. (Germany & Pakistan)

Mental health among private high school students in Hanoi, Vietnam

Linh T.D. (Vietnam)

Malnutrition associated to uncomplicated malaria in sub-Saharan African adults: Socio-demographic factors, clinical and biological impact

Zango S.H., Valea I., Nakanabo D.S., Rouamba T., Tinto H. (Burkina Faso)

Geographical variations in nutritional status of children in India: A fresh evidence based on NFHS 2015-16

Kumar A. (India)

Emergence of dancing and singing in infants and toddlers

Richter J., El-Scheich T., Akpata R., Ostovar R. (Germany & Benin)

Evaluation of RSV and hMPV viruses in respiratory samples of children under 5 years by Real-time PCR in Arak, Iran

Rahimi E., Sarmadian R., Salehi F., Khansarinejad B., mehrparvar B., Mondanizadeh M., Fotouhi F. (Iran)

Determinants of stunting and severe stunting among Burundian children aged 6-23 months: Evidence from a national cross-sectional household survey, 2014

Sandra Nkurunziza, Bruno Meessen, Jean-Pierre Van geertruyden, Catherine Korachais (Belgium & Burundi)

Self-medication in hospitalized children aged less than 15 years in Lomé, Togo

Awizoba A., Potchoo Y., Nyansa A., Aoun O., Lahaye F.M., Rapp C. (Egypte, Togo & France)

Considerable level of virological failure with major genotypic resistance mutations in HIV-1-infected children in the Central African Republic, a country of recurring geopolitical crisis

Mossoro-Kpinda C.D., Gody J.C., Mboumba Bouassa R.S., Jenabian M.A., Robin L., Matta M., Longo J.D.D., Grésenguet G., Touré Kane N.C., Bélec L. (Central African Republic, France, Canada & Sénégal)

Gastro-intestinal parasitic infection amongst primary school children in Ogiobo and Eresoyen primary schools in Benin city, Edo state, Nigeria

Eziefulé C.M., Okaka C. E. (Ghana & Nigeria)

Epidemiology of visceral leishmaniasis among children in Gadarif hospital, eastern Sudan

Mohammed Ahmed A. Ahmeda, Ahmed A. Ahmeda, Saeed M. Omara, Gamal K. Adama, Tajeldin M. Abdallahb, AbdelAzim A. Alib (Sudan)

Prevalence and associated risk factors of intestinal parasites among children in a referral hospital in Northern Tanzania

Janzen A., van Eckert R., Fuss A., Kahima J., Kasang C., Kalluvya S., Mueller A. (Germany & Tanzania)

Stunting in extreme nutritional vulnerability: Eastern of Democratic Republic of Congo crisis case

Bisimwa B., Nkamba B., Cobohwa N., Bashonja M., Mirindi P., Bwija J., Bwenge M., Donnen P. (Democratic Republic of Congo & Belgium)

Pediatric tuberculosis in a hospital in Lima Peru, 2005-2015

Otero L., Hernández H., Sedamano J. Bayer A. Lovatón N. Gotuzzo E. (Peru)

Management of childhood anaemia in remote Australian Aboriginal communities

Kearns T., Wing R., Howarth T., Phillips J., Hansen M. (Australia)

Malnutrition is dominant in boys less than two-years-old in rural Cambodia

Iwamoto, A., Matsui, M., Koto, K., Nogami, Y., Taniguchi, N., Miyazaki, A., Tung, R. (Japan & Cambodia)

Parental knowledges, attitudes and practices regarding childhood fever in the health district of n'sele in Kinshasa, Democratic Republic of The Congo

Zola T., Mateso D., Vulu C., Kompany J.P., Matoka T., Nkanza P., Mbaya F., Muhindo H., Matangila J., Mitashi P. (Democratic Republic of the Congo & Canada)

Epidemiological study and prevalence of cystic echinococcosis in children from a high Andean region of Peru

Yanina Z.S., William Q.P., Victor C.L., George O.B., Elizabeth S.R. (Peru)

Reaching the underserved: Taking stock of child health days' with a mixed methods impact evaluation

Alba S.; van der Veen A., Bakker M.I., van den Broek A., Baatsen P. (The Netherlands)

The role of social capital on infant and child health in rural Malawi

Ulep, V., Feeny, D. (Canada)

Causes of severe febrile illnesses in hospitalized children, Nouna Burkina Faso

Dah C., Seynou M., Gies S., Kompenhans J., Sorgho R., Sié A., Coulibaly B., Sauerborn R., Souares A. (Burkina Faso & Germany)

Overtime trend of diarrhoea hospitalization among children less than 5 years of age in Manhiça District, Mozambique, 2001-2017

Inácio Mandomando, Llorenç Quintó, Tacilta Nhampossa, Helio Mucavele, Filomena Manjate; Sozinho Acácio, Marcelino Garrine, Delfino Vubil, Pedro L. Alonso (Mozambique & Spain)

Introducing Post discharge Malaria Chemoprevention (PMC) for management of children recovering with severe anaemia in Malawi: A qualitative study of community health workers' perceptions and experiences

Thandile Gondwe, Siri Lange, Bjarne Robbestad, Kamija Phiri (Norway & Malawi)

Impeding factors regarding appropriate feeding of infants and young children in Burkina Faso: Infant colic is a forgotten problem to manage

Somassè Y.E., Savadogo L.G.B., Donnen P. (Belgium & Burkina Faso)

Global evaluation of the prevalence of malnutrition in children aged 6 to 59 months in Cameroon

Nguefack F., Nguefack-Tsague G., Fru F. (Cameroon)

Spatio-temporal trends in the risk of diarrhea in children under 5 years of age in Burkina Faso

Ouedraogo M., Kirakoya-Samadoulougou F., Samadoulougou S., Speybroeck N. (Belgium)

Contribution of neonatal mortality to infant mortality and direct causes in Cameroon (2004 and 2011)

Nguefack F., Tatab S. (Cameroon)

Emerging zoonoses situation in Bangladesh and One Health Approach

Kalam M.A. (Bangladesh)

Brucellosis in camels: A study in a pastoralist community in Ethiopia

Yonas Robayo, Solomon Tesfaye, Demissew Berihun, Tesfu Kassa, Filimon M. Haile (Ethiopia)



A molecular survey on Babesia and Thileria species parasitizing tick of camels in borderline of Iran-Pakistan

Jafar-bekloo A., Jafar-bekloo R., Ramzgouyan M.R., Faghihi F., Telmadarraiy Z., khairandish S. (Iran)

Molecular identification and genetic characterization of tick-borne zoonotic anaplasma species in dogs in Lusaka, Zambia

Chitanga S., Vlahakis P.A., Changula K., Simulundu E. & Simuunza M.C. (Zambia)

The tsetse fly (*Glossina*) challenge at wildlife/people/livestock interface of Akagera National Park, Rwanda

Gashururu S.R., Musafiri E., Munyampuhwe S. Tukey E.M (Rwanda)

Important foodborne bacteria and their antimicrobial resistances in Ecuadorian poultry

Vinueza C., De Zutter L. (Ecuador & Belgium)

Gastro-intestinal parasites infections in mountain gorillas (*Gorilla beringei beringei*) of Rwanda Volcanoes National Park: One Health Implications

Gashururu S.R., Umurerwa A.G., Tukey E.M. (Rwanda)

A one health approach to taenia solium control in sub-Saharan Africa

Johansen M.V., Braae U.C., Trevisan C., Lekule F., Magnussen P., Ngowi H. (Denmark, West Indies, Belgium & Tanzania)

Minyoo Matata – The vicious worm – A Taenia solium taeniosis/cysticercosis health education tool – in Swahili

Trevisan C., Fèvre E.M., Owinyi M., Ngere I., Johansen M.V. (Belgium, Kenya & Denmark)

Experience of a Peruvian University using the “One Health (UnaSalud)” concept

Ormea V.C., Mejía F.A., Gotuzzo E. (Peru)

Systemic insecticide treatment of the canine reservoir of Trypanosoma cruzi induces high levels of lethality in Triatoma infestans, a principal vector of Chagas disease

Courtenay O., Goncalves R., Periera J.A., Gomez S., Picado A. Messenger L., Bern C. (Bolivia, Spain, UK & USA)

Gaps in the control of zoonoses in Nepal

Chamlagain D., Aryal A., Pokhrel K.N., Poudel K.N., Kattel B., Kakkar M., Thys S., Jiang L., Agrawal Y., Kattel V. (Nepal, India & Belgium)

One health to enhance the health status of nomadic pastoralists and their livestock

Villanucci A., Fascendini M., Cristofori E.I., Demarchi A., Pecchioni V., Salza A. (Italy)

Prevention of emerging zoonoses in central Africa: An overview from a veterinary perspective

Assana E., Van Wettere A., Chepnda V., Awah Ndukum J., Tarbet B. (Cameroon & USA)

Knowledge and preventive practices of toxocarosis in school children and their parents trained on the disease in 2006 - District of San Juan de Lurigancho, Lima, Perú, 2010

Ormea V.C. (Peru)

Extended-spectrum β -lactamases producing Escherichia coli and Klebsiella pneumoniae from humans and minced meat of cattle's in Jimma, Ethiopia

Abayneh M., Tesfaw G., Woldemichael K., Moti Y., Abdissa A. (Ethiopia)

Seroprevalence of toxoplasmosis in pregnant and infants in Lubumbashi, Democratic Republic of Congo

Ilunga MT, Kashala JA B, Toto K A, Luboya Wa L IR, Ilunga E K, Kabimba YM, Ngona IA, Ntambue M A (DRC)

Rabies outbreak in village livestock and lack of post exposure vaccine seeking behavior in South Oromia Pastoralist, Ethiopia

Balako Gumi, Sisay Girma, Hussein Mohamed, Asefa Deresa (Ethiopia)

Molecular tracking of an outbreak of Chagas disease in Rio Grande do Norte, Brazil

Carlos Eduardo Almeida, Elaine Folly-Ramos, Maurício Lillioso, Carolina Valença-Barbosa, Lúcia A Aguiar, Myriam Harry (Brazil & France)

Evaluating milk handling processes in smallholder dairy farms in Rombo district, Tanzania

Hyera, E., Minja, M.G., Marwa, L.J., Mng'anya, P. (Tanzania)

KAP survey regarding early report on avian influenza outbreak for one health approach in Vietnam

Nguyen Qui Q.H., Nga B.T.T., Nguyen X.H., Lai T.K.L., Minh N.T. (Vietnam)

Use of One Health approach for anthrax outbreak response in Northern Tanzania - A case study of Selela Ward in Monduli District, November 06

Mwakapeje. E.R, Mjingo. E.E, Makondo. Z.E, Nonga H.E, Mdegela R.H, Skjerve. E (Tanzania & Norway)

Epidemiology of human brucellosis in Durood city, lorestan province, Iran

Naser Nazari, Nastaran bohlooli (Iran)

Multidisciplinary workforce for emerging threats: One Health Student Club experiences, Makerere University, Uganda

Atusingwize Edwinah, Drago Charles Kato, Naigaga Irene, Buregyeya Esther, Nsamba Peninah, Kabasa David, Bazeyo William (Uganda)

A student response to Rift Valley Fever outbreak: A case of One Health Student Club, Makerere University, Uganda

Atusingwize Edwinah, Drago Charles Kato, Naigaga Irene, Buregyeya Esther, Nsamba Peninah, Kabasa David, Bazeyo William (Uganda)

Glanders disease in equines: re-emerging or endemic? A report from India

Nath Surajit, Perumal Ramesh kumar (India)

The prevalence of avian influenza H5N virus in poultry from slaughterhouses and live bird markets in Ha Tinh Province - Vietnam

Hoa N.X., Hung Tr., Vui T.Q., Ky P.H (Vietnam)

Erysipelothrix rhusiopathiae infection in pigs, pork and among raw pork handlers in Kamuli District, Eastern Uganda

Musewa.A., Roesel.K., Delia.G., Nakanjako.D., Kawooya.I., Ssenyonga.R., Nangendo.J., Erume.J (Uganda, Kenya & Germany)

Bovine brucellosis in dairy cattle and its occupational health implication in Eastern Ethiopia

Terefe Y, Girma S, Mekonnen N, Asrade A. (Ethiopia)

FMD Status in Cambodia from 2013-2015

Theara Teng, Sothyra Tum, Karoon Chanachai (Cambodia & Thailand)

Evaluation of post-mortem detection techniques for bovine cysticercosis in Belgium

Jansen F., Dorny P., Makay C., van den Broeck N., Berkvens D., Gabriël S. (Belgium)



Household level spatio-temporal analysis of *Plasmodium falciparum* and *Plasmodium vivax* malaria in Ethiopia

Dinberu Seyoum (Ethiopia)

Study on seroprevalence of bovine brucellosis and its zoonotic importance in Yabello District of Borana Zone of Oromia Region, Ethiopia

Tadesse Debele Beshah, Hailelule Aleme Yizengaw (Ethiopia)

A case of vulvar myiasis

Bishwa Raj Dawadi, Mingma Temba Sherpa, Rakshya Shrestha (Nepal)

Antimicrobial resistance of pathogenic bacteria isolated from eggs of indigenous and exotic chicken in markets around Kampala, Uganda

Tenda Kibira I., Tumwine G. (Uganda)

***Mycobacterium bovis* strains prevailing among dairy cattle in Northern Ecuador**

Proaño-Pérez F., Echeverría G., Rodríguez-Hidalgo R., Rigouts L. (Ecuador & Belgium)

Efficacy of maslinic acid and chloroquine in Sprague-Dawley rats infected with *Plasmodium berghei* ANKA and *Trichinella zimbabwensis*

Gcanga L., Chitanga S., Zishiri O., Masola B., Mukaratirwa S. (South Africa & Zambia)

A neglected zoonosis - Swine brucellosis in peri urban breeding in Brazzaville City, the Congo

Mienandi Nkodia M.J., Miassangoumouka J.P., Amona I., Banga-Mboko H. (Congo)

Investigation on bonobo die-off of unknown origin at the sanctuary "Lola Ya Bonobo" at Kinshasa, DRC, 2015-2016

Kumakamba C., Belais R., Kisile O., Nkawa F., Ngay I., Gillis A., Cranfield M., Mbala P., Makuwa M., Mulembakani P., Muyembe-Tamfum J.J. (DRC)

Participatory-based surveillance and detection of viral zoonotic pathogens in the Democratic Republic of Congo

Mulembakani M.P., Mbala K.P., Makuwa M., Ipos N.L., Hoff N.A., Atibu L.J., Okitolonda W.E., Rimoin A.W., Muyembe T.J.J. (USA & DRC)

Pattern spatio-temporal of buruli ulcer in the rural health area of Kimpese, central Kongo province, in the Democratic Republic of the Congo from 2009-2015

Mulongo P.M., Luzolo E.K., Matondo J.B., Mazamayi S.K., Bompangue D.N., Phanzu D.M. (Democratic Republic of Congo)

Seroprevalence of toxoplasmosis among premarital women in Banguntapan, Bantul, Indonesia

Agustingtyas, I., Fitriati, Y., Mulyaningrum, U. (Indonesia)

Hemato-biochemical analysis of natural PPR outbreaks in Black Bengal goats showed marked anemia, leukocytosis and electrolyte imbalance

Begum S., Nooruzzaman M., Murshida M.M., Mohanto N., Parvin R., Islam M.R. and Chowdhury E.H. (Bangladesh)

An investigation of trematode metacercariae infection in cyprinoid fish from a fresh water reservoir in Udonthani, Thailand

Labbunruang N., Kulsantiwong J., Kaensa W. (Thailand)

Filarial parasites in cats and dogs represent a public health threat in Madampe, Sri Lanka

Mallawarachchi C.H., Chandrasena T.G.A.N., Wickramasinghe S., Samarasekara S.D., Mallawarachchi S.M.N.S.M., de Silva N.R. (Sri Lanka)

Serological evidence and risk factor of spotted fever group and typhus group rickettsiae exposure in humans from Madagascar

Rakotonanahary R.J.L., Harrison A., Maina A.N., Jiang J., Richards A.L., Rajerison M., Telfer S. (Madagascar, UK & USA)

Brugian filariasis in Sri Lanka: A preliminary report on survey in Gampaha District

Mallawarachchi C.H., Chandrasena T.G.A.N., Samarasekara S.D., Mallawarachchi S.M.N.S.M., de Silva N.R. (Sri Lanka)

Zika virus dynamics in body fluids and risk of sexual transmission in a non-endemic area

Pou D., Sánchez-Montalvá A., Sulleiro E., Salvador F., Bocanegra C., Treviño B., Rando A., Serre N., Molina I. (Spain)

Deaths in human due to rabies and public health significance of rabies antigens in brain tissues of dogs slaughtered for human consumption in Nigeria

Otolorin Gbeminiyi Richard., Umoh J.U., Dzikwi A.A., Mshelbwala P.P and Danjuma F.A. (Nigeria)

Risk factors and public health hazard associated with milking practising and consumption of raw cow milk by nomadic Fulani women in Africa

Otolorin Gbeminiyi Richard, Mshelbwala P.P., Danjuma F.A. (Nigeria)

Trans placental transmission of visceral leishmaniasis - Looking for the evidence - A case series

Basher A., Nath P.N. (Bangladesh)

***Trypanosoma cruzi* infection in dogs and presence of Chagas disease vectors in urban districts of Sobral city, Ceará state, Northeastern Brazil**

Parente C.C., Xavier S.C.C., Monteiro K.J.L., Carvalho-Costa F.A., Lima M.M (Brazil)

Extensive serological survey in multiple African monkey species reveals complex reactivity patterns to four ebola virus species

Ahuka-Mundeke S., Ayoubu A., Butel C., Mbala P., Ndimbo S.P., Delaporte E., Muyembe J.J., Mpoudi-Ngole E., Peeters M. (DR Congo & France)

Anopheles mosquitoes and transmission of malaria in the mountainous region of Rutshuru, in eastern Democratic Republic of Congo

Manzambi E., Ilombe G., T Mampangulu, Madinga J., Likwela J., Lutumba P., JP Van geertruyden, I Seth, JJ Muyembe and Wat'senga T.F. (RDC & USA)

Chagas disease transmission: Importance of humans as triatomine blood source in an endemic area

Ocaña-Mayorga S., Bustillos J.J., Brenière S.F., Villacís A.G., Grijalva M.J. (Ecuador, France & USA)

The dynamics of foot-and-mouth disease virus maintenance in cattle at the livestock-wildlife interface of Queen Elizabeth national park in Uganda

Dhikusooka M.T., Namatovu A., Ayebazibwe C., Belsham G.J., Siegismund H.R., Muwanika V.B., Tjørnehøj K. (Uganda & Denmark)

The mosquito borne west Nile virus infection: Is it threatening to Egypt or a neglected endemic disease?

Mamdouh M. El-Bahnasawy, Tossou A. Morsy (Egypt)

New methods to identify *Leishmania* super-spreaders in modeling targeted control

Lison A., Reed S., Courtenay O. (UK & USA)

Xenodiagnosis to address quantification of infection reservoirs in human visceral leishmaniasis

Singh O.P., Tiwary P., Singh S.K., Kushwaha A.K., Lawyer P., Rowton E., Chakravarty J., Sacks D., Shyam S (India & USA)



Examination of influencing factors and high-risk regions of dengue in Nicaragua, using spatiotemporal compartmental simulations

Theodorakos K., Broeckhove J., Willem L. (Belgium)

Transmission dynamics of loiasis over twenty-three years in three communities of the Mbalmayo health district (central Cameroon)

Mogoung-Wafo A.E., Nana-Djeunga H.C., Domche A., Fossuo-Thotchum F., Bopda J., Mbickmen-Tchana S., Kamgno J. (Cameroon)

Change in diversity and risk of rodent-borne diseases along a gradient of antropogenic habitat perturbation in Yasuni National Park, Ecuador

Ocaña-Mayorga S., Tinoco N., Burneo S., Bausch DG. (Ecuador & USA)

Higher tuberculosis transmission potential in South African compared to Tanzanian schools: Using carbon dioxide levels and re-breathed shared air to estimate airborne transmission

Hella J., Morrow C., Mhimbira F., Chitnis N., Gagneux S., Mutayoba B., Ginsberg S., Wood R., Lukas Fenner, Reither K. (Tanzania, Switzerland & South Africa)

Spatio-temporal distribution of the schistosomiasis to *Schistosoma mansoni* in the area health of Kimpese of 2011- 2015

Ansobi O.P., Batumbo B.D., Grenouillet F., Bompangue N.D., Wumba D.R. (Democratic Republic of Congo)

Serodiagnosis and risk factors outbreak anthrax in Indonesia

Dhani Redhono, Arie Kusumawardani, Paramasari Dirgahayu (Indonesia)

Rats as a potential reservoir of invasive non-Typhi *Salmonella*: A field study in Kisangani, Province of Tshopo, Democratic Republic of the Congo

Falay D., Peeters M., Tanzito J., Akaibe D., Lunguya O., Matheus W., Bertrand S., Van Geet C., Ngbonda D., Jacobs J. (Democratic Republic of the Congo & Belgium)

Ecological approach of *Anopheles labranchiae*, vector of malaria in north of Morocco: Larache region

Laboudi M., El-Aouad R., Sadak A., Aithamou S., Azelmate M., Faraj C. (Morocco)

Bio ecological characteristic of malaria vectors in southeast part of Iran

Edalat H., Khairandish S., Mahmoudi M. (Iran)

Biodiversity and medically important ticks in northeast of Iran

Telmadarraiy Z., Arzamani K., Saghaipour A., Faghihi F., Arzamani N., Rahimeh A. (Iran)

Distribution of *Aedes aegypti* and diseases transmitted by it: A reason for concern

Leta S., De Clercq EM, Jibat T, Revie C (Ethiopia, Belgium & Canada)

Combining area-wide mosquito repellents and long-range attractants to create a “push-pull” system that protects against disease transmitting mosquitoes in Tanzania

Mmbando A., Okumu F., Ngowo H., Abbas S., Matowo N., Kilalangongono M., Moore S. (Tanzania)

Biting behavior of malaria vector species in the Democratic Republic of Congo

Wat'senga TF, Manzambi E, Lunkula A, Mulumbu R, Mampangulu T, Jacob D, Hernandez F, Muyembe JJ, Likwela J, Oxborough R, Irish S (Democratic Republic of Congo & USA)

Expansion in the distributional range of Ixodid ticks parasitising cattle in Zimbabwe

Sungirai M, Moyo D.Z., De Clercq P, Madder M. (Zimbabwe, Belgium & South Africa)

Malaria vectors in Asia: Improved/current knowledge and gaps

Manguin S. (France)

High prevalence of bed bug infestation in Ethiopian residential institutions; Its psychological, social and health impact: A cross-sectional study

Daniel Mekonnen, Awoke Derbie, Wondemagegn Mulu, Zewdie Mekonnen, Bayeh Abera, Fantahun Biadlegne, Adane Mihret, Ulrich Sack (Ethiopia & Germany)

Income, housing and vulnerability of rural populations regarding triatomine vectors of Chagas disease in an endemic area of Ceará state, Brazil

Gomes T.F., Ribeiro A.C., Carvalho-Costa F.A., Lima M.M. (Brazil)

Entomological studies to improve Chagas disease vector control in the Gran Chaco region

Goncalves R., Bern C., Courtenay O. (UK & USA)

Status of insecticide resistance of *Anopheles* populations and identification of resistance mechanisms in Kwilu Province in the Democratic Republic of the Congo

Ilombe G., Metelo E., Binene G., Tona G., Maniania J., Nagahuedi J., Muyembe JJ, Masiangi P, Van greertruyden JP, Wondji C (République Démocratique de Congo, Kenya, Belgium & UK)

First report of pyrethroid resistance in *Rhipicephalus (Boophilus) annulatus* (Say, 1821) from Iran

Ziapour S.P., Kheiri S., Asgarian F., Fazeli-Dinan M., Yazdi F., Mohammadpour R.A., Aarabi M., Enayati A. (Iran)

Esperanza window traps for the collection of anthropophilic blackflies (Diptera: Simuliidae) in Uganda and Tanzania

Hendy A., Sluydts V., Tushar T., De Witte J., Odonga P., Lakwo T., Dujardin J.C., Post R.J., Kalinga A., Echodu R. (Belgium, London, Uganda, UK & Tanzania)

Bioepidemiology of intermediate host and *Schistosoma haematobium* infection in Angolan rural areas - Systematic review

Cardoso S.M., Grácio A.J.S., Grácio M.A. (Portugal & Angola)

Comparative entomological study on ecology and behaviour of malaria vectors in Badar-Abbas district, southern of Iran

Basseri H.R., Mojahedi A.R., Safari R., Yarian M., Raeisi A., Edalat H., Beniardelan M. (Iran)

Larvicidal and oviposition-deterrence activities of four local plant extracts from Burkina Faso against *Anopheles gambiae* s. l. (Diptera: Culicidae)

Wangrawa D.W., Badolo A., Guenne S., Guelbéogo W. M., Kiendrébeogo M., Sagnon N'f. Sanon A. (Burkina Faso)

Lassa virus distribution and phylogeny in rodent populations in Bo district, Sierra Leone

Bangura U., Sondufu D., Buanie J., Dawson M., Lamin J., Bongo G., Ansumana R., Borchert M., Sahr S., Fichet-Calvet E. (Germany & Sierra Leone)

Manipulation of sandfly distribution within the peridomestic environment, and implications for the control of vector-borne disease

Dilger, E., Carter, V., Gonzalez de Heredia, M., Borges-Alves, G., Nunes, C., Garcez, L.M., Brazil, R., Hamilton, G., Medley, G and Courtenay, O (UK & Brazil)

Evolution of multiple mechanisms of resistance to pyrethroids in *Anopheles gambiae* s.l. populations in Niger

Soumaila H., Idrissa M., Akgobeto M., Habi G., Abdoulaye A., Daouda A., Osse R., Labbo R., Kadri S., Mahamadou A. (Nigeria)



Co-circulation of sand fly-transmitted phleboviruses and *Leishmania infantum* in zoonotic visceral Leishmaniasis foci of Tunisia

Fares Wasfi, Dachraoui Khalil, Barhoumi Walid, Cherni Saifedine, Fraihi Wael, Sakhria Sonia, Chelbi Ifhem, Zhioua Elyes (Tunisia)

Don't overlook the snail: The role of the intermediate snail host in the dynamic epidemiology of schistosomiasis in Northern Senegal

Huyse, T., Boon, N., Smits, N., De Sciscio, A., Kanage, B., Polman, K., Volckaert, F. & F. Van den Broeck (Belgium)

Economic and disease burden of dengue from the perspective of the patients and their families

Baly A, Abadi A, Cabrera P, Van der Stuyft P (Cuba & Belgium)

Yellow fever in Brazil: Report of 2 cases

Figueiredo L.T.M. (Brazil)

Micro costing of an *Aedes aegypti* control programme

Alberto Baly Gil, Viviana Fonseca, Rolando Figarola, Pedro Cabrera, Patrick Van der Stuyft (Cuba & Belgium)

Towards knowledge translation of community empowerment strategies in Dengue prevention: A fresh look at a Cuban experience

Pérez D., Castro M., Rifkin S.B., Lloyd L.S., Zabala M.C., Van der Stuyft P., Ridde V., Lefèvre P. (Cuba, USA, Belgium & Canada)

Insecticide-treated curtains and residual spraying for Dengue control: Disappointing effects on disease incidence in a cluster randomized controlled trial in Santiago de Cuba

Toledo M.E., Vanlerberghe V, Popa J, Mirabal M, Cabrera P, Fonseca V, Gómez T, Pérez M, Montada D, and Van der Stuyft P. (Cuba & Belgium)

Spatial heterogeneity and persistence of dengue incidence in the north central region of Venezuela

Vincenti-Gonzalez M.F., Grillet M.E., Lizarazo E.F., Tarazon A., Comach G., Díaz O., Ojeda N., Friedrich A., Grobusch M.P., Tami A (The Netherlands & Venezuela)

Community intervention against Dengue in Ouagadougou: Theory and implementation fidelity

Saré D., Pérez D., Somé P.A., Barro A., Kafando Y., Ridde V. (Canada & Burkina Faso)

Clinical and biological characteristics of Yellow Fever suspect patients in Nsona-Mpangu Hospital, Nsona-Mpangu Health Zone, DR Congo

Bulabula P.J., Bepuka I.B., Mbuyi M.G., Nkuba N.A., Alphonse., Muyembe T.J.J., Ahuka-Mundeke S. (DRC)

***Aedes aegypti* surveillance and production of entomological indexes in public schools from federal district, Brazil**

Guedes V.H.N., Garcia K.K.S., Borges J.C., Ramalho W.M. (Brazil)

Integrated control model for *aedes aegypti*

Garcia K.K.S., Abrahão A.A., Carvalho R.G., Obara M.T. (Brazil)

The prevention and control of Dengue after typhoon Haiyan in the Philippines

Aumentado C., Cerro B.R., Olobia L., Suy L.L., Reyes A., Kusumawathie P.H., Sagrado M., Hall J.L., Abeyasinghe R., Foxwell A.R., Vestergaard L.S. (Philippines & Australia)

Monitoring and surveillance for diseases transmitted by *aedes aegypti* in the federal district, Brazil

Garcia K.K.S., Guedes V.H.N., Borges J.C.B., Sousa E.N., Ramalho W.M. (Brazil)

**Does Bacillus Calmette-Guérin vaccine protect against infection with *Mycobacterium tuberculosis* ascertained by tuberculin skin testing?**

Pelzer P.T., Cobelens F.G.J. (The Netherlands)

Tuberculosis treatment outcomes among TB/HIV co-infected cases treated under directly observed treatment of short course in Nekemte, Western Ethiopia

Eyasu Ejeta, Tadesse Birhanu, Tsedeke Wolde (Ethiopia)

Stigma among healthcare workers as a barrier to the use of TB services at occupational health units in South Africa

Sommerland N., Wouters E., Masquillier C., Rau A., Engelbrecht, M., Kigozi G., Uebel K. (Belgium & South Africa)

Prevalence of pulmonary tuberculosis among prison inmates: Across-sectional survey at the Correctional and Detention Facility of Abidjan, Côte d'Ivoire

Marie-Catherine Receveur, Benjamin Séri, Ange Koffi, Timothée Ouassa, Jeanne-d'Arc Assemien, Arnaud Laurent, Denis Malvy, Serge K. Domoua, Xavier Anglaret (France & Côte d'Ivoire)

Twenty years studying latent tuberculosis infection in Cuban health Care workers: Implications toward TB elimination

Borroto-Gutiérrez S.M., González-Ochoa E., Martínez A.M., Gámez D., Sevyt J.L., Guanche H., Madiedo M., Doval A.L. (Cuba)

Treatment drop-out of smear-positive pulmonary tuberculosis patients in a high burden region in Democratic Republic of Congo: Which patients, why and when do they abandon?

Tshibangu K.E., Kayiba K.N., and Disashi T.G. (Japan & DR Congo)

Determinants of mortality among MDRTB patients: A cross-sectional study

Mollel E.w., Chilongola J. (Tanzania)

Maternal Knowledge of tuberculosis and bacillus Calmette guerin vaccination in pediatric health services in Kinshasa

Aketi L., Shiku D.J., Kashongwe Z., Nkabikueni G., Kayembe K.P., Kayembe J-M. (Democratic Republic of Congo)

Current profile of new HIV infections among adults in northern Benin in 2016

Attinsounon C.A., Dovonou C.A., Alassani C.A., Agbodandé K.A., Kouanou-Azon A., Zannou D.M. (Benin)

Exploratory results of intensification of the use of the Genexpert® MTB/RIF as support in the tracking the TB and TB-RR in Kinshasa

Bele A., Musala S., Okenge L., Kasereka J.C., Baleka J.F., Bakoko B., Van Deun A., Kaswa M. (DRC & Belgium)

Detection of Rifampicine resistance mutations in the 81bp RRDR of rpoB Gene in Mycobacterium tuberculosis using Xpert MTB/RIF in Kinshasa, DRC: A retrospective Study

Musala S., Bele A., Okenge L., Kasereka J.C., Aloni M., Van Deun A., Kaswa M. (DRC & Belgium)

Stigmatization, status disclosure and support among HIV positive women in the Kumasi metropolis, Ghana: A mixed method study

Boateng D., Quansah D.Y., Kwapong D.G., Amankwaa I., Opoku O., Mensah O.N. (The Netherlands, South Korea & Ghana)

Directly Observed Treatment Short-course (DOTS) for Tuberculosis Control Program in Gambella Regional State, Ethiopia: Ten years experience

Solomon S., Belete M., Woldargay E., Desalegne W. (Ethiopia)



TB SEQUEL: Pathogenesis and risk factors of long-term pulmonary sequelae defining the individual outcome and public health impact of TB disease

Rachow A., Bhatt N., Kampmann B., Ntinginya N.E., Sanne I., Lonroth K., Niemann S., Wallis R., Hoelscher M., Churchyard G. (Germany, Mozambique, Gambia, Tanzania, South Africa, Switzerland & Germany)

Multidrug resistant tuberculosis in Ethiopian settings and its association with previous history of anti-tuberculosis treatment: A systematic review and meta-analysis

Setegn Eshetie, Mucheye Gizachew, Mulat Dagnew, Gemechu Kumera, Haile Woldie, Fekadu Ambaw, Belay Tessema and Feleke Moges (Ethiopia & Switzerland)

The Effect of HAART on tuberculosis incidence among HIV infected patients in Bale Zone Hospitals

Bekele T., Esmael K.J., Kaso M. (Ethiopia)

Gender differences in tuberculosis in adults in a rural area in Africa

Ramos J.M., Comeche B., Pérez-Buitragueño M., Reyes F., Tesfamariam A., Pérez-Tanoira R., Prieto-Pérez L., Tefasmariam A., Górgolas M. (Ethiopia & Spain)

Impact of prompt MDR-TB treatment initiation: Significant reduction of MDR-TB mortality rate in Rwanda

Ngabonziza J.C. S., Habimana M. Y., Migambi P., Mazarati J.B., de Jong B.C., Torrea G. (Rwanda & Belgium)

Enhancement of TB research: A regional approach with the West African regional network for TB control (WARN-TB)

Merle C.S., Affolabi D., Wachinou P.A., Bah Sow O.Y., Bonsu F., Olliaro P.L. (Switzerland, Benin & Ghana)

Integrated approaches for intensifying tuberculosis active case finding: Lessons learned from pilot projects in West Africa

Merle C.S., Bonsu F.A., Sarr M., Adusi-Poku Y., Toure N., Ndiaye J.L., Milligan P., Olliaro P.L. (Switzerland, Ghana & Senegal)

Renal dysfunction in HIV-positive patients on tenofovir-based therapy: A case control study

Nayan N., Sashindran VK (India)

Risk factors associated with TB co-infection in HIV/AIDS patients taking antiretroviral therapy (ART) in one of the public hospitals in Ethiopia

Megersa O.A., Phaladze N.A. (Ethiopia & Botswana)

Health resource management for TB in post-war Okinawa, Japan

Masaaki Uechi, Sumiko Ogawa (Japan)

Perception of people living with HIV/AIDS (PLWHA) on the attitude of health care workers towards PLWHA in Calabar Metropolis, Cross River State, Nigeria

Arogundade K.A., Azekhueme K., Afirima B., Orjih J., Ugobo E., Eko J., Olatoregun O., Femi-Pius O., Jaiyeola O., Eke E (Nigeria)

Performance of community tracing system of people affected by Tuberculosis during ebola epidemic in Conakry, Guinea

Nimer Ortuño-Gutiérrez, Gba-Foromo Chérif, Francis Loua, Hassane Harouna Souleymane, Adama Bangoura, Lansana-Mady Camara (Belgium & Guinea)

Biomedical and social support to vulnerable people affected by Tuberculosis in Guatemala: An effective governmental and non-governmental partnership implementation

Luis Sánchez-Bustamante, Zoila Bailón, Toon Bongaerts, Nimer Ortuño-Gutiérrez (Guatemala & Belgium)

Successful integrated biomedical and social support to vulnerable people affected by Tuberculosis in Nicaragua

Manuel de Jesus Bravo Reyes, Martha Perez, Toon Bongaerts, Nimer Ortuño-Gutiérrez (Belgium)

Attitude of health care workers towards people living with HIV/AIDS (health care workers perspective) in Calabar Metropolis, Cross River State, Nigeria

Arogundade K.A., Azekhueme K., Afirima B., Orjih J., Ugobo E., Eko J., Olatoregun O., Femi-Pius O., Jaiyeola O (Nigeria & Liberia)

Burden of latent tuberculosis among HIV and HCV co-infection and its impact on HCV therapy in Nepal: A pilot study

Pradhan, Bickram, Kattel Vivek, Tripathy PM, Gurung Rajendra (Nepal)

Impact of BCG vaccination on global survival of children up to 1 year in rural Burkina Faso

Ouédraogo S., Diallo A.H., Méda N (Burkina Faso)

Assessment of tuberculosis under-reporting through inventory studies in 3 European Union Member States

Straetemans M., Mergenthaler C., Andersen P.H.S., Schimmel H., Carvalho C., Alba S., Rood E., van Hest R., Abubakar I., Bakker M.I. (The Netherlands, Portugal & UK)

Household contact tuberculosis investigation under re-engineered primary health care in the Free State Province, South Africa

Kigozi N.G., Heunis J.C., Engelbrecht M.C., Janse van Rensburg A.P., Van Rensburg H.C.J. (South Africa)

Elimination of tuberculosis in Cuba: Chimera or social reality for the XXI century

González-Ochoa E.R., Armas-Pérez L., Martínez-Rodríguez A., Baly-Gil A (Cuba)

Research towards improved tuberculosis control in the free state, South Africa – A narrative review

Heunis J.C., Chikobvu P., Kigozi N.G., van der Spoel-van Dijk A., Van Rensburg H.C.J., Janse van Rensburg A.P., Engelbrecht M.C. (South Africa)

Malaria resurgence after control activities cease due to an outbreak of ebola in Guéckédou, Guinea: A modeling study

Tiffany A., Moundekeno, F.P., Penny M.A., Serfini M., Genton B., Pothin E. (Switzerland & Guinea)

Protective effectiveness of seasonal malaria chemoprevention

Coldiron M.E., Assao B., Koscalova A., Quere M., Langendorf C., Grais R.F. (France, Nigeria & Switzerland)

Prevalence of parasitemia in an area receiving SMC

Coldiron M.E., Assao B., Koscalova A., Quere M., Langendorf C., Grais R.F. (France, Nigeria & Switzerland)

Coverage rate of the optimal dose of intermittent preventive treatment with sulfadoxine-pyrimethamine during pregnancy in the rural district of Houndé, Burkina Faso

Cissé M., Ouattara O., Soulama A., Sombié I. (Burkina Faso)

Risk factors for persisting malaria among the Jarai ethnic minority along the Vietnam-Cambodia border

Nguyen Xuan Xa., Nguyen Thi Thuan., Tran Thanh Duong., Nguyen Truc Quynh, Alessandro D' Umberto, Erhart A., Peeters Grietens K. (Vietnam, Belgium and Gambia)

Characteristics of malaria infection among the jarai ethnic minority in central Vietnam

Tran Thanh Duong, Nguyen Xuan Xa, Nguyen Thi Thuan, Nguyen Truc Quynh, Alessandro D' Umberto and Annette Erhart, Peeters Grietens K (Vietnam, Belgium & Gambia)



Detection of malaria gametocyte carriage in Kisumu County, Western Kenya for determination of transmission dynamics

Opot B., Okoth R., Chemwor G., Omollo IA, Onyango IA, Juma D., Gilbreath T., Monthei D., Akala HM., Andagalu B., Kamau E. Brown M., Cowden J (Kenya & USA)

Fine scale mapping of malaria infection clusters by using routinely collected health facility data in urban Dar es Salaam, Tanzania

Mlacha Y.P, Chaki P.P, Mwakalinga V.M, Govella N.J, Limwagu A.J, Msellemu D.F, Mageni Z.D, Terlouw D.J, Killeen G.F and Dongus S. (Tanzania, South Africa, Malawi & Switzerland)

Housing improvement intervention reduce indoor malaria transmission in spite of pyrethroid resistant malaria vector

Massebo F., Getawen S.K., Ashine T. Lindtjørn B. (Ethiopia & Norway)

Community perception and acceptance of environmental larviciding against malaria with BTI formulations in Burkina Faso: A mixed-methods study

Dambach P., Beiersmann C., Mendes Jorge M., Traoré I., Savadogo H., Zabré P., Sié A., Sauerborn R., Becker N., Phalkey R. (Germany, Burkina Faso & UK)

Environmental characteristics and evolution of malaria hotspots in a rural area, Burkina Faso

Rouamba T., Nakanabo-Diallo S., Derra K., Rouamba E., Kankoe S., Yaka P., Valéa I., Tinto H, Kirakoya-Samandoulougou F., Gaudart J. (Burkina Faso, France & Belgium)

Border malaria epidemiology between Vietnam and Cambodia

Truong M.H., Nguyen X.X, Nguyen V.H., Koen Peeters, Tran T.D., Umberto D'Alessandro, Marc Coosemans, Annette Erhart (Vietnam, Gambia & Belgium)

Plasmodium falciparum gametocyte carriage before and after treatment with artemisinin combination therapies

Okoth R., Opot B., Chemwor G.C., Chebon L.J., Onyango I.A., Juma D., Akala H.M., Andagalu B., Kamau E., Brown M. (Kenya & USA)

Sulfadoxine-pyrimethamine versus Cotrimoxazole in pregnant women: Effect on birth weight-findings from a randomized, open-label, non-inferiority trial in Zambia

Njunju M., Manyando C., Mwakazanga D., Claeys Y., Schurmans C., Van Overmeir C., Erhart A., Ravinetto R., D'Alessandro U., Van Geertruyden J.P (Zambia, Belgium & Gambia)

Success rates of mosquitoes in direct human landing feeding assays

Chemwor G.C., Opot B., Okoth R., Chebon L.J., Juma D., Akala H.M., Andagalu B., Kamau E., Brown M., Cowden J. (Kenya)

PCR determined submicroscopic Plasmodium falciparum parasitemia on day 3 after initiation of artemether-lumefantrine treatment in Bagamoyo district, Tanzania

Billy Ngasala, Richard Mwaiswelo, Andreas Mårtensson (Tanzania & Sweden)

Risk factor assessment for malaria among forest-goers in a pre-elimination setting – Phu Yen province, Vietnam

Vo Huu Thuan, Sara E. Canavati., Cesia E. Quintero, Long Tran Khanh, Colin Ohrt, Thang Duc Ngo, Duong Thanh Tran, Nicholas J. Martin (Vietnam, Finland, Australia & Singapore)

Targeted-reactive case detection at sleeping sites to interrupt malaria transmission in Vietnam II: Reported and observed malaria prevention, treatment and risk behaviors

Vo Huu Thuan, Sara E. Canavati, Long Tran Khanh, Colin Ohrt, Thang Duc Ngo, Duong Thanh Tran, Nicholas J Martin (Vietnam, Finland, Australia & Singapore)

Net use and preference among those who slept in a forest or farm in the context of malaria multidrug resistance and elimination

Vo Huu Thuan, Sara E. Canavati, Long Tran Khanh, Colin Ohrt, Thang Duc Ngo, Duong Thanh Tran, Nicholas J Martin (Vietnam, Finland, Australia & Singapore)

The return of chloroquine-susceptible plasmodium falciparum malaria in Zambia

Mwanza S., Joshi S., Nambozi M., Chileshe J., Malunga P., Kabuya J.B.B., Hachizovu S., Manyando C., Mulenga M., Laufer M. (Zambia & USA)

Temporal trends of parasitemia in uncomplicated falciparum infections in Kenya during the period of artemisinin combination therapy use 2008 to 2016

Agnes C. Cheruiyot, Redemptah Yeda, Charles Okudo, Lorna J. Chebon, Dennis Juma, Benjamin Opot, Raphael Okoth, Gladys Chemwor, Hoseah M. Akala, Ben Andagalu, Edwin Kamau, Mathew Brown (Kenya)

Community participation as part of formative research to design innovative malaria elimination strategies in The Gambia

Masunaga Y., Jaiteh F., D'Alessandro U., Okebe J., Muela Ribera J., Peeters Grietens K. (Belgium, Gambia & Switzerland)

Estimating the impact of seasonal malaria chemoprevention scale-up using routine reporting of malaria in national health information systems in seven countries in West and Central Africa

Lal S., Loua K.M., Sagara I., Dicko A., Zongo I., Ouedraogo J.B., Laminou I., Ceesay S., Kana M., Kessely H., Doumagoum D., Razafindralambo L., Hubbard E., Diallo A., Moroso D., Baba E., Ouba I., Kandeh B., Kalleh M., Snell P., Cairns M., NDiaye JL., Milligan P. (UK, Burkina Faso, Gambia, Nigeria, Mali, Senegal & Uganda)

Malaria incidence in the area of seasonal malaria chemoprevention

Koscalova A., Temessadouno F., Gignoux E., Azman A., Querre M., Ciglonecki I., Sterk E. (Switzerland & USA)

Targeted-reactive case detection at sleeping sites to interrupt malaria transmission in Vietnam I - Risk behaviors associated with malaria cases sleeping in a farm or forest

Sara E. Canavati, Vo Huu Thuan, Long Tran Khanh, Colin Ohrt, Thang Duc Ngo, Duong Thanh Tran, Nicholas J. Martin (Vietnam, Australia, Finland & Singapore)

A malaria indicator survey in a malaria elimination area of Phu Yen Province, coastal Vietnam

Sara E. Canavati, Vo Huu Thuan, Long Tran Khanh, Colin Ohrt, Thang Duc Ngo, Duong Thanh Tran, Nicholas J Martin (Vietnam, Australia, Finland & Singapore)

The Kwahu-South malaria situation: Towards tailor-made interventions

Owusu E.D.A, Arko-Boham B, Mens P.F, Grobusch M.P. (Ghana & The Netherlands)

Knowledge, perceptions and practices of community health workers regarding the use of long-lasting insecticide-treated nets for malaria control in Burundi

Nyabenda F, Nizigiyimana D, Aoun O, Lahaye FM, Rapp C. (Egypt, Burundi & France)

Prevalence of *mdr* and *k13* polymorphisms in *Plasmodium falciparum* after a decade of using artemisinin-based combination therapy in mainland Tanzania

Ishengoma D.S., Mandara C.I., Talundzic E., Lucchi N.W., Ngasala B., Kabanywany A.M., Mahende M.K., Kamugisha E., Kavishe R.A., Mohamed A., Mandike R., Mkude S., Chacky F., Paxton L., Greer G., Njau R., Warsame M., Martin T., Venkatesan M., Halsey E.S and Udhayakumar V. (Tanzania, USA & Switzerland)

Repeated Artemisinin-based combination treatment and dynamics of Plasmodium falciparum strains in Uganda and the Democratic Republic of the Congo

Muhindo Mavoko H, Nabasumba C, Delgado-Ratto C, Baraka V, Rosanas-Urgell A, Kambu A, Inocência da Luz R, Tinto H, Lutumba P, Van geertruyden JP (Congo, Belgium, Uganda, Tanzania & Burkina Faso)



Assessment of glucose-6-phosphate dehydrogenase (G6PD) deficiency in *Plasmodium vivax* malaria endemic setting in Mauritania

Mamadou Djigo O, Bollahi M.A, Hasni Ebou. M, Deida J, Ould Ahmedou Salem M.S, Tahar R, Simard F, Bogreau H, Basco L, Ould Mohamed Salem Boukhary A. (Mauritanie & France)

Defining the unit of intervention for targeted treatment of asymptomatic malaria carriers:**A transdisciplinary approach**

Jaiteh F., Masunaga Y., Ribera J.M., Okebe J., D'Alessandro U., Balen J., Peeters Grietens K. (Gambia, Belgium, Switzerland & UK)

Feasibility of intermittent preventive treatment in infants: Experience of the Democratic Republic of Congo

Matangila J.R., Likwela J., Tsasa E., Gasigwa D. (DRC)

Role of community participation in malaria elimination interventions in south of Iran

Shahandeh KH., Basseri HR. (Iran)

Factors limiting the effectiveness of standardized malaria control strategies in forested highlands of Vietnam: A qualitative study

Nguyen Thuan T., Nguyen Xa X., Tran Duong T., Vu Dung K.A., Pham Ky V., Erhart A., Peeters Grietens K. (Vietnam, Belgium & Gambia)

Efficacy and user acceptability of transfluthrin-treated sisal and hessian decorations for protecting against mosquito bites in outdoor bars

Masalu J., Finda M., Okumu F., Minja E., Mmbando A., Sikulu M. Ogoma S. (Tanzania & Kenya)

Dynamics of *plasmodium vivax* infections during a 2-year monthly follow up in the Peruvian Amazon

Delgado-Ratto C., Soto-Calle V., Van den Eede P., Rossanas-Urgell A., D'Alessandro U., Llanos-Cuentas A., Erhart A., Van Geertruyden JP., Gamboa D. (Belgium & Peru)

Implementing a comprehensive malaria surveillance and response in Tanzania Mainland

Molteni F., Thawer S.G., Mohamed A., Mandike R., Akim I., Chacky F., Mahendeka A., Lusinde R., Lengeler C. (Tanzania)

Seasonal malaria chemoprevention in Burkina Faso protects children against malaria and anaemia under routine program implementation

Druetz T., Corneau-Tremblay N., Kouanda S., Millogo T., Ly A., Haddad S. (USA & Canada)

Social factors determining the utilization of impregnated mosquito net for Malaria prevention in Burundi - A quantitative study

Niyongabo P., Bizimana P., Mbanye Y., Nizigiyimana D. (Burundi)

Characterization of the human malaria reservoir throughout the dry season in a forested area of central Vietnam: A pilot study

Kattenberg JH, Erhart A, Hieu TM, Rovira-Vallbona E, Dung VKA, Ngoc NTH, Hong NV, Van NV, Tetteh K, Theisen M, Soares I, Bennet A, Lover A, Duong TT, Xa NX, Rosanas-Urgell A. (Belgium, Vietnam, UK, Denmark & USA)

A nationwide school malaria parasitaemia survey for routine surveillance at district level in mainland Tanzania

Runge M., Chacky F., Mandike R., Rumisha S., Chaki P., Massaga J., Mohamed A., Molteni F., Snow R.E., Lengeler C. (Switzerland, Tanzania, Kenya & UK)

Increasing the time between incident malaria episodes in Ugandan children: Repeated application of IRS

Kate Zinszer, Kathryn Morrison, John Rek, Emmanuel Arinaitwe, Joaniter Nankabirwa, Moses R. Kanya, Grant Dorsey (Canada, Uganda & USA)

Historical review of malaria control in Morocco: Disease and vectors

Laboudi M, Sadak A., Ait Hamou S., Faraj C. (Morocco)

The burden of malaria infection among 0-6 month old African infants in settings with low to high intensity of malaria transmission

Nahum A.M., Ceesay S., Bohissou F., Koivogui L., d'Alessandro U. (Benin, Gambia, Guinée)

Health beliefs of school-age rural children in podoconiosis affected families: A qualitative study in Southern Ethiopia

Abebayehu Tora, Getnet Tadele, Abraham Aseffa, Colleen M. McBride, Gail Davey (Ethiopia, USA & UK)

Population-wide administration of single dose rifampicin for leprosy prevention in isolated communities: A feasibility study in Indonesia

Anuj Tiwari, Steaven Dandel, Liesbeth Mieras, Jan Hendrik Richardus (The Netherlands & Indonesia)

The development of an application for digital recording of DiTECT-HAT study participant data, including macroscopic and microscopic images

Büscher P., Hasker E., Lejon V. (Belgium & France)

LEPRASIM, an Agent-Based Model to simulate leprosy in Indonesia

Van Der Hoek S.A., Augustijn-Beckers P.W.M., Bakker M.I. (The Netherlands)

Two years assessment of Buruli ulcer surveillance at iNRB (2015-2016): Challenges and perspectives

Mintsey N., Lunguya O., Kimbonza S., Nkuku L., Ahuka S., Muyembe JJ. (RDC)

Diagnostic tools for human African trypanosomiasis elimination and clinical trials

Lejon V., Mumba D., Ngay I., Camara M., Camara O., Kaba D., Koné M., Lumbala C., Makabuza J., Ilboudo H., Dama E., Fèvre E., Jamonneau V., Bucheton B., Büscher P. (France, RDC, Guinea, Côte d'Ivoire, Burkina Faso, UK & Belgium)

Visceral leishmaniasis cases in the non-endemic districts: Challenges to ongoing elimination programme in Nepal

Uranw S, Bhattarai NR, Ostyn B, Acharya B, Yogi K, Karki P, Boelaert M, Das ML. (Nepal & Belgium)

Itineraries and barriers to the diagnosis of Chagas disease in Spain

Daniel de Gracia, María Romay, Teresa Boquete, Agustín Benito, Teresa Blasco-Hernández (Spain)

Epilepsy perceptions and experiences of different stakeholders prior to the implementation of an epilepsy treatment programme in an onchocerciasis endemic region in Ituri, Democratic Republic of the Congo (DRC)

Dolo H, Ucima Wonya' Rossi D, Mandro N.M, Ngave F, Fraeyman J, Suykerbuyk P, Colebunders R. (Belgium, DRC, Mali & Belgium)

Healthy homes for healthy living: Home improvement to control vectorial transmission of Chagas disease in Loja Province, Ecuador

Nieto-Sanchez C., Grijalva M.J. (USA & Ecuador)

The Atlas of Human African trypanosomiasis: A tool for planning control and surveillance activities in the context of disease elimination

Franco J.R., Cecchi G., Priotto G., Grout L., Paone M., Diarra A., Simarro P., Mattioli R., Argaw D. (Switzerland, Ethiopia, Italy & Congo)



Improved access to diagnostics for *rhodesiense* sleeping sickness around a conservation area in Malawi enables early detection of cases and reduced mortality

Lemerani M., Jumah F., Bessell P., Biéler S., Ndung'u J.M. (Malawi, Scotland & Switzerland)

Mobile technology improves management of a gambiense human African trypanosomiasis (gHAT) elimination programme in Uganda

Wamboga C, Picado A, Matovu E, Biéler S, Bessell PR, Ndung'u JM (Uganda, Switzerland & UK)

Costing of large scale strategies for active case finding of Human African Trypanosomiasis (HAT) in the Democratic Republic of the Congo

Snijders R., Fukinsia A., Baka O., Claeys Y., Hasker E., Mpanya A., Lumbala C., Boelaert M., Lutumba P. (Belgium & DRC)

Quality assurance of active screening for Human African Trypanosomiasis elimination in the Democratic Republic of the Congo

Claeys Y., Lutumba P., Mpanya A. Hasker E., Büscher P., Inocencio Da Luz R., Snijders R., Boelaert M., Lumbala C. (Belgium, DRC & Belgium)

The Human African Trypanosomiasis (HAT) Platform

Mbo F., Valverde O. (DRC & Switzerland)

Kala-Azar outbreak management in Bangladesh: A new initiative in the Kala-Azar elimination program

M. Mamun Huda, A. F. M. Akhtar Hossain, Vikas Aggarwal, Mohammad Sohel Shomik, Md. Sakhawat Hossain, Debashis Ghosh, Md. Shakhawat Hossain, Abul Khair Mohammad Shamsuzzaman, Sanya Tahmina Dinesh Mondal (Bangladesh & India)

Tracking the progress: Visceral leishmaniasis elimination in Nepal

Cloots K., Uranw S., Rijal S., Boelaert M. (Belgium & Nepal)

Is long lasting insecticide treated bed net able to reduce visceral leishmaniasis incidence? The evidence in Bangladesh

Rajib Chowdhury, Vashkar Chowdhury, Shyla Faria, Aditya Prasad Dash, Sujit Kumar Bhattacharya, Sakila Akter, Shireen Akhter, Daniel Argaw, Caryn Bern, Jorge Alvar, Qamar Banu (Bangladesh, India, Switzerland & USA)

Determining insecticide resistance for supporting improved visceral leishmaniasis vector control in Nepal

Das ML, Roy L, Piero O, Kroeger A. (Nepal)

Visceral leishmaniasis in the indigenous community in Bangladesh: A wake up call

M. Mamun Huda, Rajib Chowdhury, Dinesh Mondal (Bangladesh)

A cross sectional study of Post Kala-Azar Dermal Leishmaniasis (PKDL) with Visceral Leishmaniasis (VI) cases in Surja Kanta Kala-Azar Research Center (SKKRC), Bangladesh

Maruf S., Basher A., Nath P., Mondal D. (Bangladesh)

Accelerating control of visceral leishmaniasis in Turkana County, Kenya, through improved access to diagnostics

Ebei S.E., Munai G., Shamalla O., Lomuria K., Wachira D., Bessell P.R., Magiri C., Cruz I., Ndung'u J.M. (Kenya & Switzerland)

Epidemiology and burden of cutaneous leishmaniasis in sub-Saharan Africa: Evidence from a systematic review

Temmy Sunyoto, Kristien Verdonck, Sayda el Safi, Julien Potet, Albert Picado, Marleen Boelaert (Belgium, Switzerland & Spain)

Efficacy of indoor residual spraying using synthetic pyrethroids in an area endemic for visceral leishmaniasis

Om Prakash Singh, Shakti Kumar Singh, Shyam Sundar (India)

The potential impact of visceral leishmaniasis vaccines: explorations with different deterministic age-structured transmission models

Epke A. le Rutte, Luc E. Coffeng, Sake J. de Vlas (The Netherlands)

Cutaneous leishmaniasis control in Morocco: Vertical analysis

Laboudi M. (Morocco)

Persistence of *Mycobacterium ulcerans* disease (Buruli ulcer) in the historical foci of Kongo Central Province, the Democratic Republic of Congo

Phanzu D.M., Luzolo E.K., Kiabanzawoko O.N., Mintsey N.M., Vandelannoote K., Eddyani M., Suykerbuyk P., van der Grinten E., Portaels F., de Jong B., Boelaert M. (DRC, Belgium & USA)

Feasibility of integration of activities of human African trypanosomiasis control in basic health services in the Democratic Republic of the Congo: Preliminary results from an action research

Mulenga P., Chenge F., Mpanya A; Criel B., Lutumba P., Luboya O., Lumbala C., Coppieters Y., Boelaert M. (DRC & Belgium)

Perception of the integration of activities of African human trypanosomiasis control into basic health services: A qualitative study

Mulenga P., Vander Kelen C., Lutumba P., Coppieters Y., Chenge F., Lumbala C., Luboya O., Boelaert M., Mpanya A. (DRC & Belgium)

Schistosomiasis and Soil-Transmitted Helminths prevalence in school-aged children and opportunities for integration of control in health services in Kwilu province, Democratic Republic of the Congo

Inocencio da Luz R., Linsuke S., Lutumba P., Hasker E., Boelaert M. (Belgium & DRC)

Current epidemiological assessment of bancroftian filariasis in Tanga region, Northeastern Tanzania

Happyness J., Mshana, Vito Baraka, Gerald Misinzo, Williams H. Makunde (Tanzania & Belgium)

Impact of mass drug administration with albendazole- ivermectin on lymphatic filariasis in the savanna: The case of the east region of Burkina Faso

Ouédraogo A.N, Somda E.B, Zeba/Lompo S, Ouédraogo MS Tapsoba G.P, Barro-Traoré F, Traoré A, Niamba P (Burkina Faso)

Environmental monitoring of *Schistosoma mansoni* infection rate in *Biomphalaria sudanica* – Results of the Ijinga Island Schistosomiasis Elimination Pilot Study, Mwanza, North-western Tanzania

Fuss A., Mazigo H., Kasang C, Mueller A. (Tanzania & Germany)

Temporal trends in schistosomiasis in Burundi, from 2011 to 2015

Bizimana P., Van Geertruyden J.P., Polman K., Niyongabo P., Munezero F., Ortu G. (Burundi, Belgium & UK)

Preliminary assessment of the computer-based *Taenia solium* educational program 'The Vicious Worm' in rural primary school children in eastern Zambia

Hobbs, E.C., Mwape, K.E., Zulu, G., Mambwe, M., Chembensofu, M., Phiri, I.K., Masuku, M., Berkvens, D., Van Damme, I., Bottieau, E., Devleeschauwer, B., Speybroeck, N., Colston, A., Willingham, A.L., Dorny, P. and Gabriël, S. (Belgium, Zambia & Kenya)



Knowledge, attitude and perception about onchocerciasis and ivermectin in the onchocerciasis endemic health zone of Rethy in Ituri, Democratic Republic of the Congo (DRC)

Dolo H, Ucima Wonya' Rossi D, Mandro N.M., Ngave F, Fraeyman J, Suykerbuyk P, Colebunders R. (Belgium, DRC & Mali)

Elimination of urogenital schistosomiasis in Zanzibar: Results and challenges of a 5-year multidisciplinary intervention study implemented from 2012-2017

Knopp S., Person B., Ame S. M., Ali S. M., Hattendorf J., Rabone M., Kabole F., Rollinson D. (Switzerland, UK, USA & Tanzania)

Projected number of people with onchocerciasis-loiasis co-infection in Africa, 1995-2025

Vinkeles Melchers N.V.S., Tekle A.H., Coffeng L.E., Pion S.D.S., Zouré H.G.M., Pedrique B., Boussinesq M., Wanji S., Remme J.H.F., Stolk W.A. (The Netherlands, Switzerland, France, Burkina Faso & Cameroon)

Neglected diseases in a marginalized population: Priorities of intestinal parasitic infections in mobile pastoralists at Lake Chad

Greter H., Batil A.A., Hattendorf J., Moto D. D., Marti H.-P., Ngandolo B. N., Utzinger J., Zinsstag J. (Switzerland & Chad)

Koko et les lunettes magiques – An educational entertainment tool to prevent intestinal worms and diarrheal diseases in Côte d'Ivoire

Koffi A.V., Essé C., Kouamé A., Kouassi D., Yapi B.R., Moro M.H., Bonfoh B., N'Goran K.E., Utzinger J., Raso G. (Côte d'Ivoire & Switzerland)

Important progress towards elimination of onchocerciasis in the West Region of Cameroon

Guy-Roger Kamga, Fanny N. Dissak-Delon, Hugues C. Nana-Djeunga, Benjamin D. Biholong, Stephen Mbigha Ghogomu, Jacob Souopgui, Joseph Kamgno and Annie Robert (Cameroon & Belgium)

Still mesoendemic onchocerciasis in two Cameroonian community-directed treatment with ivermectin projects despite more than 15 years of mass treatment

Guy-Roger Kamga, Fanny N. Dissak-Delon, Hugues C. Nana-Djeunga, Benjamin D. Biholong, Stephen Mbigha-Ghogomu, Jacob Souopgui, Honorat G. M. Zoure, Michel Boussinesq, Joseph Kamgno, Annie Robert (Cameroon, Belgium, Burkina Faso & France)

A call for podoconiosis, a neglected tropical disease

Prieto-Pérez L., Pérez-Tanoira R., Ramos J.M., Zarco Olivo C., Fortes Alen J., Cuadros J., Tesfamarian A., Cabello Úbeda A., Fernández-Guerrero M.L., Górgolas M. (Spain & Ethiopia)

Regulation of medicines storage for health system resilience in Nigeria

Mohammed S., Jibo I.A., Aliyu S., Grys P., Awaisu A., Umar N. (Nigeria, Germany, Qatar & UK)

Impact of anthelmintic treatment on the burden of schistosomiasis and soil transmitted helminths in primary schoolchildren in Biyela health zone in Kinshasa, Democratic Republic of the Congo

Linsuke S., Matangila JR., Doua J., Van Geertruyden JP., Lutumba P. (DRC & Belgium)

The need of placing schistosomiasis into context

Amor A., Anegagrie M., Zewdie D., Benito A. (Spain & Ethiopia)

Onchocerciasis control in the Democratic Republic of Congo (DRC): challenges in a post-war environment

Makenga Bof J-C, Maketa V, Bakajika D.K, Ntumba F, Mpunga D, Murdoch M.E, Lutumba P et Coppieters Y. (Belgium)

Trachoma elimination in Agago District, northern Uganda: District health system role in planning and implementation of mass drug administration for neglected tropical diseases

Omony OE., Turyaguma P., Kirunga CT., Orach CG. (Uganda)

Evidence of negligible soil-transmitted helminth prevalence in the Bolivian Chaco triggers interruption of preventive chemotherapy and calls for strengthening of surveillance

Macchioni F., Spinicci M., Gabrielli S., Strohmeyer M., Paredes G.A., Rojo Mayaregua D., Gamboa Barahona H., Olliaro P., Montresor A., Bartoloni A. (Italy, Bolivia, Switzerland & UK)

Seroepidemiological trend of strongyloidiasis in the Bolivian Chaco (1987-2012) in the absence of disease-specific control measures

Spinicci M., Mantella A., Macchioni F. Gabrielli S., Roselli M., Gamboa Barahona H., Paredes G.A. Olliaro P., Montresor A., Bartoloni A. (Italy, Bolivia, Switzerland & UK)

Trials for avian influenza vaccination on grazing broiler ducks in Mekong Delta, Vietnam

Nguyen Thi Minh, Nguyen Qui Quynh Hoa, Lai Thi Kim Lan, Nguyen Tung, Nguyen Van Cuong, Ha Huynh Hong Vu, Tran Hoan Qui (Vietnam)

Engaging traditional healers for rabies eradication in Vietnam

Nguyen T.H., Van D.K, Newman S., Patungtod P., Nguyen T.H., Nguyen T.T., Nguyen N.T. (Vietnam)

Rabies the deadly disease - How much we aware?

Ariful Basher (Bangladesh)

Modeling the mass use of systemic insecticides in dogs to control zoonotic visceral leishmaniasis

Gómez S.A., Courtenay O, Chapman L.A.C., Dilger E., Marcotty T., Picado A. (Spain, UK & Belgium)

Challenges of intersectoral coordination in control & prevention of Vector Borne Diseases – A case study in a district of Rajasthan

Rathore J.S, Jatav CK, Singh B Atray A. (India)

Echinococcosis, a global economic and health burden

Menschaert D., Hoyoux M., Moerman F., Daron A, Frere J. (Belgium)

The control of zoonotic visceral leishmaniasis in Europe: A survey among Spanish and French veterinarians

Epke A. Le Rutte, Roosmarijn van Straten, Paul A. M. Overgaauw (The Netherlands)

Survey on some risk factors leading to avian influenza outbreaks and evaluation on post-vaccination immune response of poultry raised in Binh Dinh Province, Vietnam

Hoa N.X, Ai Quyen T.N., Ky P.H. (Vietnam)

Economic implications of the whole genome sequencing technology to control Salmonella

Mukhopadhyay K, Thomassin PJ (Canada & India)

Lassa fever in Nigeria – A neglected unfinished public health epidemic

Kuti O.O, Alori. S. (Nigeria)

Assessment of the level of awareness and knowledge of Middle East Respiratory Syndrome (MERS Cov) among Saudi population

Mutab Nasser aldawasri, Shafi Hussain alqahtani (Saudi Arabia)

An interventional program on selected mass gathering infectious diseases at Hajj

Mamdouh M. El-Bahnasawy (Egypt)



Circulation of rotavirus genotypes strains in the Democratic Republic of Congo, 2013-2016: Implications for the vaccination

Pukuta E, Ngoie M, Kitambala G, Monga D, Lay Y, Mitonga N, Nkongolo A, Mwenda J, Ahuka-Mundeke S, Muyembe JJ (RDC)

Molecular epidemiology of rotavirus in acute diarrhea in children under 5 in Lubumbashi, DRC

Maguy Sangaji Kabuya, Olivier Mukuku, Augustin Mulangu Mutombo, David'son Ngoy Monga, Giselle Zanga Meya, Dany Tshilumbayi Mwanza, Benjamin Ponde Kilumba, Oscar Numbi Luboya, Stanislas Okitotsho Wembonyama, Jean-Pierre Van Geertruyden, Pascal Lutumba (RDC & Belgium)

Raising awareness for different concepts of personal protective equipment on a trainer-level

Straub J., Lee M.-H., Meerbach A., Gies S., Verbeek L. (Germany)

Review of twenty years of virological surveillance of Acute Flaccid Paralysis (AFP) in Democratic Republic of Congo: 1997-2016

Yogolelo R, Pukuta E, Muyamuna E, Kavunga H, Changa-Changa J.C, Ahuka-Mundeke S, Muyembe J.J (RD Congo)

The significance of community volunteers in immunization and disease surveillance: A case control study in pastoralist communities of Somali Region of Ethiopia

Abebe A., Haile Y., Bezabeh S., King G. (Ethiopia)

Evaluation and analysis of Acute Flaccid Paralysis (AFP), surveillance system data in the N'djamena regional health delegation, Chad, 2012-2014

Nadougou D.H, Dissia F, Mbaïhol T, Mathieu E. (Cameroon & Chad)

Acute flaccid paralysis surveillance indicators in the Democratic Republic of Congo during 2008-2014

Hugo Kavunga Membo, Aaron Mweene, Serge Alain Sadeuh-Mba, Justin Masumu, Riziki Yogolelo, Norbert Ngendabanyikwa, Eddy Sokolua, Fred Sagamiko, Edgar Simulundu, Steve Ahuka, Jean Jacques Muyembe (DRC, Zambia, Cameroon & Gabon)

Meningitis surveillance in four health districts of the north-west region of Cameroon

Esso Endalle L., Mboke Ekoum E., Pedoum Mofola E., Tchualeu Kameni A.B., Okomo Assoumou M.C., Mathieu E., Seukap E.C., Etoundi Mballa G.A (Cameroon)

Child development center-based surveillance and control of soil-transmitted helminth infections in preschool-age children in selected local government units in the Philippines

Belizario V.Y., delos Trinos J.R., Sison O.T., Erasmo J, Te M, Hornido A, Nava C, Modequillo M (Philippines)

Spatial distribution of class B notifiable infectious diseases in China

Bin ZHU., Yang FU., Jinlin LIU., Ying MAO (China)

Cholera outbreak in a district of Rajasthan, India

Rathore NPS, Atreya A, Chaudhary D, Prabhakar V, Chaudhary S, Rathore JS (India)

Assessment of exposure and serostatus of contacts persons to ebola virus disease cases in Guinea (Contactebogui study)

Touré A., Ahidjo A., Kadio K.J.J.O. Keita A., Leroy S., Peeters M., Sow M.S. Delaporte E. Etard J.F. (France & Guinea)

Sentinel surveillance of flu in the Central African Republic

Marie-Yvette Batoumbou Ketta, Alexandre Manirakiza, Francis Komoyo, Sandra Garba-Ouagole, Ulrich Vickos, Emmanuel Nakoune Yandoko (Central African Republic)

Understanding girls' preference for human papilloma virus vaccination in Ethiopia: A study protocol for Discrete Choice Experiment

Hailu A., Assefa R. (Ethiopia & Norway)

Evaluation of vaccine coverage and its determinants in children aged from 12 to 23 months in the Democratic Republic of Congo

Kazongo J, Aoun O, Lahaye FM, Rapp C. (Egypt & France)

OpenHDS: Evidence for improved quality/timeliness and cost in demographic surveillance systems

Di Pasquale A., Derra K., Tinto H., Maire N. (Switzerland & Burkina Faso)

HSV-2 prevalence, incidence and associated factors in western Kenya

Brenda Akinyi, Fredrick Otieno, Seth C. Inzaule, Collins Odhiambo, Simon Oswago, Emily Kerubo, Ndivo Richard, Clement Zeh (Kenya)

Estimating the risk of non-communicable diseases: A case study of Canada

Alhashmi, M., Thomassin P. J., Mukhopadhyay K. (Canada & India)

Implementation of mobile medical e-learning for higher medical education in Zambia – A Zambian-German-Swiss cooperation

Barteit S., Bowa A., Lüders S., Marimo C., Phiri Y., Wolter S., Neuhann F. (Zambia)

Trends in HIV infection in sentinel sites from 2007 to 2016 in Burkina Faso

Yonli B.P.C., Guire A, Kouanda S. (Burkina Faso)

HIV serostatus and Posttraumatic Stress Disorder (PTSD) In the Armed Forces of the Democratic Republic of Congo (FARDC)

Prime M.P., Makuwa M., Mbala K.P., Mbuyi M.A., Okitolonda W.E., Macera C., Ito S., Saylor E.K, Kabanda K.G., Grillo P.M. (DRC & USA)

Comparison of data collection methods: Role of electronic data collection in the DRC

Musene K., Hoff N.A., Tshékoya P., Mbumba R., Mvumbi G., Dzogang C., Lokutumba M.E., Muyembe Tamfum J.J. Okitolonda W.E., Rimoin A.A.W. (DRC & USA)

Knowledge and awareness of and perception towards cardiovascular disease risk in sub-Saharan Africa: A systematic review

Boateng D, Wekessah F, Browne J, Agyemang C, Agyei-Baffour P, Aikins AD, Smit J, Grobbee DE, Klipstein-Grobusch K. (The Netherlands, Ghana & South Africa)

Evaluation of the mental health QoL for elderly Japanese long-stayers in Chiang Mai, Thailand

Yoda T., Suksatit B., Rattanasathien R., Saengrut B., Murakami Y., Okabe Y., Suzuki H., Kanda K., Hirao T. (Japan & Thailand)

An empirical analysis of the social dimensions of HIV/AIDS, treatment access and poverty in Uganda

Birungi, C. (UK & Malawi)

Epidemiological, clinical and biological features of onychomycosis in Tunis area, Tunisia

Boudaoura Y., Bettaieb J., Ben Abda I., Siala E., Boulehmi N., Aoun K. et Bouratbine A. (Tunisia)

Predicative criteria of onychomycosis causative agents' dermatophytes and *Candida*

Boudaoura Y., Ben Abda I., Bettaieb J., Siala E., Boulehmi N., Aoun K., Bouratbine A. (Tunisia)

Seroprevalence of Hepatitis C Virus infection among general population in Central-Ouest Tunisia

Bettaieb J., Chouikha A., Kharroubi G., khedhiri M., Aissi W., Bel Hajhmidia N. Gharbi A., Ben Salah Afif, Triki H. (Tunisia)



Steeplly increasing HIV prevalence among young men in Zambia past 12 years - Data from Demographic and Health Surveys

Chola Nakazwe., Charles Michelo., Ingvild Sandøy., Knut Fylkesnes (Norway & Zambia)

Prevalence and predictors of hypertension among adults in Areka Town, Southwest Ethiopia: Evidence from a community based study

Yohannes B., Anjulo U., Getachew T. (Ethiopia)

Implementation of sexuality education policies in Uganda - Obstacles and challenges

Ninsiima B. A, Coene, Najjuka. S, Michielsen. K, Nyakato.N. V and Leye E. (Belgium & Uganda)

Chronic diseases prevalence in pregnancy and birth outcome: A study on inpatients in Mumbai

Gogoi M. (India)

Maternal and child health among the Okinawan diaspora in Hawaii in the early 20th century

Sumiko Ogawa (Japan)

Systematic review and meta-analysis of risk factors for epilepsy and nodding syndrome in sub-Saharan Africa

Siling K., Peeters Grietens K., O'Neill S., Verdonck K. (Belgium & UK)

Trends in socioeconomic inequalities in obesity and overweight among women in Cameroon, 2004 - 2011

Kankeu Tchewonpi H. (UK)

Epidemiological, clinical characteristics and outcome of scorpion envenomation in Abdanan County, Western Iran: An analysis of 780 cases

Kassiri H., Lotfi M., Ebrahimi A. (Iran)

Fatal increasing of dog bites in urban inhabitants in Congo

Banga-Mboko H., Mabouaka A., Mokondjimobe E., Miassangoumouka J.P., Ikolakoumou J., Bibalou F.D., J. and L. Tati. (Congo)

Epidemiological pattern of pediculosis capitis in the eastern area of Ahvaz, Southwestern Iran

Kassiri H., Mardani M., Ebrahimi A. (Iran)

Living under the shadow of chronic illness: Coping and conflicts in Multiple Sclerosis

Anand D., Awasthy S., Anand R. (India)

Cell Phone Based Reproductive Health Surveillance (CPB-RHS) of women in Bangladesh

Khan I., A., Islam K., Reza A.A.S., Zaman S., Chakraborty P., Flora M.S. (Bangladesh)

Identifying unusual malaria events in the absence of historical data - Speculations from malaria-free Norway to endemic south Sudan

Benedetti G., White R.A., Akello Pasquale H., Stassijns J., van den Boogaard W., Owiti P., van Den Bergh R. (Belgium Norway, South Sudan & Kenya)

The ecofaunistics of scorpions in Zarrin-Dasht county, Iran

Kassiri H., Dianat A. (Iran)

Distribution of Hepatitis C virus genotypes in Central-Ouest of Tunisia

Anissa Chouikha, Jihene Bettaieb, Marwa Khedhiri, Ghassen Kharroubi, Walid Hammemi, Amel Sadraoui, Ahlem Ben Yahia, Zina Meddeb, Ben Salah Afif, Triki Henda (Tunisia)

Clinical laboratory and epidemiological research on cutaneous leishmaniasis in the south-west of Iran

Kassiri H., Ebrahimi A. (Iran)

Good epidemiological practice: From guidelines to practical implications

Alba S., Mergenthaler C., Rood E., Straetemans M., Bakker MI., van Beers S (The Netherlands)

Impact of involvement of the family and parents of persons with disabilities (PWD) in the rehabilitation process: Case of Mbalmayo municipality

Etong Sandjok A. P; Meyanga Yene S.; Mbarga A (Cameroon)

Beliefs about mental problems and treatment seeking in rural communities in Cambodia

Kim, T., Peeters, A. (Belgium)

Blood occupational exposure accident and seroconversion in CAR

H.D. Mossoro-Kpinde, C.D. Mossoro-Kpinde, C.E. Gaunefet (Central African Republic)

Snakebite In the district of Akonolinga, Cameroon: A cross-sectional survey on incidence, complications and use of traditional medicine

Chabloz M., Eyong J., Wanda F., Mfoumou J., Abanda V., Tassegnig A., Nkwescheu A., Comte E., Chappuis F., Alcoba G. (Switzerland & Cameroon)

Seroprevalence of Leptospira spp. in stray cats of Urmia, Northwestern Iran

Sadeghi Zali M.H., Sadaghian M., Hayatrouhi A. (Iran)

Seroprevalence of Toxoplasma gondii in patients with malignancies under chemotherapy in West Azerbaijan province, Northwestern Iran

Sadaghian M., Khammari M., Belali A. (Iran)

Travel-related leptospirosis in the Netherlands 2009 - 2016

de Vries S.G., Bekedam M.M.I., Wagenaar J.F.P., Goorhuis A., Grobusch M.P., Goris M.G. (The Netherlands)

Factors influencing non-adherences to diabetes self care activities among diabetic patients in rural Bangladesh

Banu B, Ali L, Sauerborn R, Souares A. (Germany & Bangladesh)



Task shifting of emergency caesarean section in South Ethiopia: Does it yield a lasting contribution to accessibility?

Asefa A., Hailemariam T., Shiferaw M., Mekonnen E., Morgan A., Birhan Y. (Australia & Ethiopia)

Universal health coverage in Uganda: Critical health infrastructure, healthcare coverage and equity

Tonny Odokonyero, Francis Mwesigye, Annet Adong, Swaibu Mbowa (Uganda & Germany)

Health systems resilience in war-affected Sub-Saharan African countries during 1990-2015:**A qualitative exploration of maternal health services in Eritrea**

Chol C.S., Hunter C., Negin J., Cumming R.G. (Australia)

Improving access to HIV services for key population groups in achieving the 90:90:90 goals in Nigeria

Etsetowaghan A.A., Konopka S. (Nigeria)

Improving HIV service delivery in Nigeria: A review of the 2014 national task shifting policy

Etsetowaghan A.A., Phiri M.M. (UK)

Factors affecting use of generics drugs in the Philippines

Ku G.M.V. (Belgium)

How patients navigate diagnostic ecosystem in a fragmented health system: A qualitative study from India

Vijayashree Yellappa, Narayanan Devadasan, Anja Krumeich, Nitika Pant Pai, Caroline Vadnais, Madhukar Pai, Nora Engel (India, The Netherlands & Canada)

Access to malaria treatment in the Bata District of Equatorial Guinea

Maria Romay-Barja, Policarpo Ncogo, Gloria Nseng, Maria A. Santana-Morales, Basilio Valladares, Matilde Riloha, Agustin Benito (Spain & Guinea)

'Better medicines for children' within the integrated management of childhood illness framework: A qualitative inquiry in Uganda

Xavier Nsabagasani, Jasper Ogwal-Okeng, Ebba Holme Hansen, Anthony Mbonye, Herbert Muyinda, Freddie Ssenoogooba (Uganda & Denmark)

Exploring resilience in a complex crisis: Iraq's health system response to a triple security, financial and ecological shock

Mangouri Z., Zangana G.A. (Iraq)

Access and utilization of maternal healthcare in a rural district in the forest belt of Ghana

Buruwaa G., Agyei-Baffour P., Mensah K.A., Boateng D., Quansah D.Y., Dobin D., Addai-Donkor K. (Ghana & South Korea)

A systematic literature review of effective strategies for delivery of child health interventions using the private sector in low and middle income settings

Phyllis Awor (Uganda)

Economic burden of malaria and predictors of cost variability to rural households in South Central Ethiopia

Hailu A., Lindtjørn B., Deressa W., Gari T., Loha E., Robberstad B. (Norway & Ethiopia)

The side effects of the 2014/15 ebola epidemic: A review

Strauss R., Schuster V., Lee M.H., Sasse J., Schwarz N.G. (Germany)

Stakeholder engagement improves service delivery of government support programs and their access by young women in Botswana

Van der Wal R., Cockcroft A., Andersson N. (Canada & Botswana)

Factors influencing the family planning service availability and utilization in Blue Nile state, Sudan

Elhassein M., Elfadil L. E., Basheir I. A. (Sudan)

Improving health system capacity to address healthcare disparities: A systematic review of the role of academic health centres in contributing to equitable health systems

Edelman A., Taylor J., Ovseiko P., Topp S.M. (Australia & UK)

Improving access to pharmaceuticals in Tunisia: Where are we ten years after the unification of health insurance fund?

Ayadi I., Toumi A., El Abassi A. (Tunisia)

Tetanus toxoid vaccination coverage among pregnant mothers in Duguna Fango district in Southern Ethiopia

Yohannes B., Duressa G. (Ethiopia)

Coverage of and financial risk associated with uncomplicated malaria treatment among children under five years in Malawi: Evidence from national surveys

Chinkhumba J., Kamchedzera W., Mwale P. (Malawi)

Integrating birth preparedness and complication readiness in local health systems to improve maternal and newborn health in rural Bangladesh

Perkins J., Mazumder T., Capello C., Rahman A.E., Santarelli C. (Switzerland & Bangladesh)

Scaling-up health promotion to improve maternal and newborn health in Burkina FasoCapello C., Perkins J., Bargo/Maiga A³, Sormani J., Santarelli C. (Switzerland & Burkina Faso)**Implementation and results of an indigents' healthcare exemption scheme in the district of Lokossa-Athieme (Benin)**

Deville C., Poncelet M., Vancolen O. (Belgium)

Determining factors in the use of health services in a metropolitan area of Havana, Cuba

Armando Rodríguez Salvá, Addys Ma. Díaz Piñera, Daniuska Hernández Griñan, René García Roche, Susana Balcindes Acosta (Cuba)

Towards equity effectiveness of maternal health service coverage: Rural sedentary and mobile populations in Chad

Lechthaler F., Abakar M.F., Schelling E., Hattendorf J., Ouedraogo B., Moto D.D., Zinsstag J. (Switzerland & Chad)

Geographic disparities of late entry to antenatal care and associated socio-demographic barriers in Burkina Faso

Sékou Samadoulougou, Kiswendsida Clovis Sawadogo, Annie Robert (Belgium)

Whether and how health shocks affect anti-poverty program: Experience from a livelihood development project in Bangladesh

Kabir A. (Bangladesh)

The influence of price variability on the use of prenatal counseling services in the city of Lubumbashi

Ntambue M.A., Musau N.A., Matungulu M.C., Ilunga M.T., Malonga K.F. (Democratic Republic of Congo)



Beyond resilience in the times of despair: Changes in the out of pocket payments (OOP) and the health seeking behaviors in the Gaza strip

Majdi Ashour (UK)

Assessing cost of illness among type 2 diabetic patients with complications in a tertiary health facility in North-west, Nigeria

Mohammed S., Bari E.K., Sani-Bello F., Aliyu S., Ezikeanyi, B.C., Zayyad M.A., Grys P. (Nigeria & Germany)

Visceral leishmaniasis treatment access - The reality on the ground in Sudan

Atia Atiaby, Sara Sir Alkhatim (MoH), Mousab Siddig Elhag (MoH), Merce Herrero, Lucy Paintain, Jayne Webster, Jorge Alvar, Koert Ritmeijer, Margriet den Boer (UK, The Netherlands & Sudan)

The alternative called Rashtriya Swasth Bima Yojana: Care access and the quality of hospitals panelled under RSBY in Palakkad district in Kerala

Thomas Toms, Kumar Satish (India)

A case of RSBY and MSBY multi drug resistant tuberculosis financial protection policy in Chhattisgarh State, India

Kundu D., Sharma N., Chadha S., Satyanarayana S. (India & France)

An exploratory case study of patients' access perceptions on access to primary care through a telehealth service in the province of Rizal, Philippines

Andres A., del Fierro D.A., Gatan D.C., Miranda A., Nitura M.P., Paz A.F., Servando M.A. (Philippines)

Cross-sectional surveys in Bangladesh, India, Ethiopia & Sudan to understand visceral leishmaniasis treatment seeking, diagnosis, treatment and household economic burden

Lucy Paintain, Merce Hererro, Vikas Aggarwal, Mark Pearson, Tansy Edwards, Atia Abdalla Alatiaby, Dinesh Mondal, Kingsuk Misra, Cherinet Adera, M. Prakash, Mahmudur Rahman, Shewaye Belay, Bewketu Mengesha, Gamal Khalid, Yassen Hamed, Mosab Alhag, Mobarak Alnor, Toby Leslie, Jose Postigo, Daniel Argaw, Margriet den Boer, Sakib Burza, Jayne Webster (UK, Switzerland, South Asia, Sudan, Bangladesh, Ethiopia)

Cost of postpartum services for mothers and of infant immunization services in Kaya health district (Burkina Faso)

Yugbare Belemsaga D. (Burkina Faso)

Integration of maternal postpartum services in maternal and child health services in Kaya health district (Burkina Faso): An intervention time trend analysis

Yugbare Belemsaga D. (Burkina Faso)

The Kenyan malaria market after AMFm

Musuva A.M., Ngigi J., Mwambi D. (Kenya)

Improving access to health care for Aka women in a fragile context by introducing a voucher scheme: A pilot study in the Central African Republic

Um Boock A., Ntozo'o J.P., Vander Plaetse B., Bonenberger M. (Switzerland)

Health seeking behavior in the face of multiple first-line antimalarial drugs in Ghana

Maxwell Ayindenaba Dalaba, Philip Dalinjong, Samuel Chatio, Patricia Akweongo, Philip Adongo, Abraham Oduro (Ghana)

Systems effectiveness and patient adherence to dihydroartemisinin piperazine in northern Ghana

Oduro A., Ayamba E., Anyorigiya T., Beeri P., Chatio S., Amenga-Etego L., Baiden R., Binka F. (Ghana)

Determinants of the levels of changes in catastrophic health expenditure incurred by the Palestinian Households in the Gaza Strip from 1996 to 2011: Analysis of 10 repeated cross sectional studies

Majdi Ashour (UK)

Determinants of and changes in catastrophic health expenditure in the occupied Palestinian territory from 1996 to 2011: Is resilience an emerging paradox in the Gaza Strip?

Majdi Ashour (UK)

Evaluating access barriers to visceral leishmaniasis diagnostic and drugs in 6 endemic countries in Eastern Africa: Is regional approach the solution?

Temmy Sunyoto, Julien Potet, Albert Picado, Marleen Boelaert (Belgium, Switzerland & Spain)

Beyond resilience and vulnerability in the times of despair: Changes in the out of pocket payments (OOP) and the health seeking behaviors in the Gaza Strip

Majdi Ashour (UK)

Reasons for not attending a health care centre for soil-transmitted helminth infections in a rural village in Indonesia

Meyanti F., Verdonck K., Polman K., Mahendradhata Y. (Indonesia & Belgium)

Improving financial security and access to maternal health services in a rural setting: An assessment of community health insurance in Uganda

Mirembe J., Mwesigwa J., Tumwesigye T., Balikitenda D., Dabira E.D. (Uganda & Gambia)

Willingness to pay for HPV vaccines among married women aged 15-49 years in 2 locations in Vietnam

Ha D.T., Huong N.T., Le N.H., Thuy H.T., Van T.T., Anne B. (Vietnam & Belgium)

Evaluating the effect of PMTCT-focused structured SMS messaging and calls in improving service uptake in Suleja, North Central Nigeria

Etsetowaghan A.A., Nwokedi N., Ojehomon Norma (Nigeria)

Improving TB outcomes by modifying life-style behaviours through brief motivational interviewing and text-messaging - A feasibility trial

Louwagie G., Morojele N., Siddiqi K., Mdege N., Engelbrecht M., Tumbo J., Omole O., Ayo-Yusuf O. (RSA & UK)

Sexual education and data inquiry about sexual behavior through mobile phone services in Uganda

F. Schneider, E. Salborn, R. Nabembezi (Germany & Uganda)

Aadhaar for integrated healthcare delivery: A proposal for India

Singh Amandeep (Estonia)

Connecting the unconnected in sub-Saharan Africa: Non-discriminating access for Digital Inclusion with an emphasis on health (DigI)

Holst C., Knobloch J., Schmidt V., Mwakapeje E., Ngowi H., Ngowi B., Prazeres da Costa C., Brügge B., Winkler A.S., Noll J. (Norway, Germany & Tanzania)

Use of mobile technology for strengthening primary health care services in Rajasthan

Prasad R. R., Badgujar S. (India)

Innovative on-line approach through eLearning to health agents on the field

Carrion C., Garcia-Lorda P., Aymerich M., Casabona J., Reyes-Ureña J., Cardona P.J., Mokni M., Ruiz-Postigo J.A. (Spain, Tunisia & Switzerland)



Design of a technology platform for knowledge sharing among health professionals to improve maternal and child healthcare

Megersa O.A., Bekele R., Seifu A. (Ethiopia)

Personalised management of health and health expenditure: Role of technology - Experiences of patients using iDecide digital health platform

Thomas Toms K., Raglund Jari, Kumar Satish (India & South Africa)

Review of mHealth programs for infectious disease management in Punjab - Pakistan

Zareen Shagufta, Mursalin.S.M. (Pakistan)

Impact of interactive digital educational modules in creating rheumatic heart disease awareness among Kenyan primary school children

Duncan Matheka, Mellany Murgor, Sally Ndung'u, Edward Kibochi, Steve Nigel, Gary Selnow (Kenya)

Scope of leveraging mHealth for routine immunization strengthening in India

Krishna Ashish (India)

Information technology in health Vs provider accountability to patients: The experience of iDecide a patient managed clinical care platform

Thomas Toms K., John Denny, Kumar Satish, Raglund Jari (India & Finland)

Mobile health care - A review of Indian mobile health initiatives

Thomas Toms K., John Denny, Kumar Satish, Raglund Jari (India & Finland)

eLearning in public health education in India

Kannan D., Kiyam C., Zolfo M., Lal D., Prashanth N.S. Harish H.N., Kumar M., N. Devadasan (India & Belgium)

Improving contraceptives supply management by addressing the human factor

Heleen Vermandere, Anna Galle, Sally Griffin, Málica de Melo, Lino Machaieie, Dirk Van Braeckel, Olivier Degomme (Belgium)

A qualitative analysis of the Northern Ugandan catholic health system

Engl M., Orach S., Shumba C., Ogwang D.M., Prugger C. (UK, Italy, Uganda & Germany)

Measuring catastrophic expenditure of tuberculosis (TB) to aid health system innovation for vulnerable TB patients in Bangladesh

Chowdhury A.S., Khanam F., Ahmed S., Khan J., Islam A., Islam S., Rahman M. (Bangladesh)

Household costs of hospitalized dengue illness in semi-rural Thailand

Tozan Y., Ratanawong P., Sewe M.O., Wilder-Smith, A., Kittayapong, P. (Germany, USA, Sweden, Singapore & Thailand)

Unraveling PBF effects beyond impact evaluation: Results from a qualitative study in Cameroon

Bertone M.P., De Allegri M., McMahon S.A., Mounpe Chare I., Robyn P.J. (UK, Germany, Cameroon & USA)

Do under-resourced health systems have the ability to offer financial risk protection for primary healthcare? A baseline study of outpatient expenditure to inform health financing and universal coverage reform in the Democratic Republic of Congo (DRC)

Laokri S., Soelaeman R., Hotchkiss D. (Belgium & USA)

Assessing health equity in the Democratic Republic of Congo (DRC) – A focus on financial protection

Laokri S., Eozenou P., Eloko G., Minga G., Miteo R., Samaha H. D. (Belgium, USA & DRC)

The licensure exam: Improving competency of the health workforce

Alemseged W., Tegbar Y., Sandra A. (Ethiopia)

Community health workers as human resources for health: A case study of Afghanistan

Said Ahmad Maisam Najafizada, Ivy Lynn Bourgeault, Ronald Labonte (Canada)

Quality of life among medical students in Tajikistan

Juraeva N.S. (Tajikistan)

Setting performance-based financing in the health sector agenda: A case study in Cameroon

Sieleunou I., Turcotte Tremblay A.M., Azinyui Yumo H., Kouokam E., Taptué Fotso J.C., Magne Tamga D., Ridde V. (Canada & Cameroon)

Performed-based financing in Mali: Can it be called emergence?

Coulibaly A., Touré L., Ridde V. (Mali & Canada)

Performance assessment of midwives trained through the Accelerated Midwifery Training Programme (AMTP) in Ethiopia

Abebe A., Fauveau V., Lazaro D. Berhe A. (Ethiopia & France)

Task-shifting on integrated emergency obstetrics and surgery: Experience in Ethiopia

Abebe A., Abdela M., Assefa B., Lazaro D. (Ethiopia)

An experience of health education in a primary health care project with a community in Colombia: Preliminary findings

Villa L. (Colombia)

Improving attraction and retention of rural health workers: Building up a sustainable and cost-effective housing cooperative in Zambia

Thieme K., Weber M. (Zambia)

Knowledge, coverage and usage patterns of health insurance in rural South India

Hegde R., Kiran K. G. (India)

Emergency department case-mix and economic analysis, using the structured triage system and the Australian urgency related groups

Gallegos-Lemos D.R., Sánchez-Gómez A., Gómez-Jiménez J. (Spain & Andorra)

What constitute responsiveness of physicians: A qualitative study from Bangladesh

Joarder T., George A., Ahmed S.M., Rashid S.F., Sarker M. (Bangladesh & South Africa)

Embracing results based financing mechanism as a model for financing health care in Uganda

Aliti C. T., Walimbwa A., Segendo J., Curtale F., Byakika S. (Uganda)

Equipment for essential surgical care in Africa: Availability, barriers and need for novel redesign

Oosting R.M., Wauben L.S.G.L., Groen R.S., Dankelman J. (The Netherlands & USA)

Impact of short term clinical training on tropical and infectious disease to medical doctors working at remote part of Nepal

Rijal S., Karki P., Bhatta N., Sharma S.K., Uranw S., Koirala P., Chhetri R., Boelaert M., Marasini B., Kattel V. (India, Nepal & Belgium)



Measuring quality of care as a result - The example of RBF (Results Based Financing)

Toonen J., Habineza C. (The Netherlands & Rwanda)

Budget support to Peru's health sector: A PFM perspective

Haghebaert G.V., Giussani B. (Peru)

Performance based financing for mother and new-born health in Peru: A focused development cooperation

Haghebaert G., Huamani Huamani N., Velkeneers E., Niño de Guzman J., Gonzáles Camacho H. (Peru)

What you get is what you see? Changing perceptions among health workers following the implementation of performance-based financing in Western Uganda

Renmans D., Holvoet N., Criel B. (Belgium)

Professional fulfilment of midwives in Burundi: An obstacle course

Chesnay M., Belaïd L., De Brouwere V. (Belgium)

Inside the black box: Administration of the Tanzanian Community Health Fund and its interaction with other health financing mechanisms

Renggli S., Mayumana I., Mshana C., Mboya D., Kessy F., Tediosi F., Pfeiffer C., Aerts A., Lengeler C. (Switzerland & United Republic of Tanzania)

Between marketing and universal coverage of obstetric and neonatal care: What about determinants of the variability of expenditures in Lubumbashi, Democratic Republic of Congo

Ntambue Mukengeshayi Abel, Musau Nkola Angèle, Matungulu Matungulu Charles, Ilunga Mpoyi Tabitha, Mundongo Tshamba Henri, Malonga Kaj Françoise (Democratic Republic of Congo)

Contextual factors influencing performance of community health committees in Nairobi, Kenya: Findings from a qualitative study

Karuga R., Kok M., Otiso L., Mbindyo P., Dieleman M. (Kenya & The Netherlands)

Are Nigerians willing to pay more taxes for more government spending on health: Evidence from the 6th Afrobarometer survey in 2014/2015

Kuti O.O., Alori S. (Nigeria)

An agenda for developing compassionate, respectful, and caring health workforce

Moges S.G., Seid K.A. (Ethiopia)

Postgraduate training in tropical medicine and International Health – Results of an alumni survey on career development and implications for course content needs

De Vos P., Apers L., Zolfo M., Vuylsteke B. (Belgium)

Complex leadership in health

Belrhiti Z., Ariadna N.G., Marchal B. (Morocco & Belgium)

Impact of community-level factors on the volunteers services in rural Nepal: A qualitative study

S. Panday, B. Paul, P. Simkhada, E.V. Teijlingen (UK)

A prime vendor system to complement public sector supply - A public-private partnership in Tanzania

Wiedenmayer K., Mfuko W., Chilunda F., Mbwas R. (Switzerland & Tanzania)

Spatial techniques as aids to measuring equity in health workforce allocation in China

Bin ZHU, Chih-Wei HSIEH (China)

Performance for universal health coverage – Efficiency analysis of sub-national health systems in Pakistan

Khalid F., Petro Brunal M.T., Sattar A., Hotchkiss D.R. (Pakistan, Switzerland & USA)

Factors influencing the distribution of health care workers to rural areas in a Nigerian state in an era for Universal Health Coverage

Nwankwo O.N.O., Ugwu C.I., Nwankwo G.I., Akpoke M., Nwankwo O.A. (Nigeria & Sierra Leone)

What keeps community health workers in Kenya going? A qualitative study

Muturi N., Mireku M., Karuga R., Taegtmeier M., Otiso L. (Kenya & UK)

Enabling quality improvement initiatives with the Result Based Financing (RBF) in Uganda

Fedjo T. T. G., Ssengendo J., Tumwesigye B., Asiimwe P., Byakika S., Mwebesa H., Bossyns P. (Uganda & Belgium)

Community expectations of community health volunteers in Kenya: Bridging community and health systems

Achieng M.A., Muturi N., Karuga R., Taegtmeier M., Otiso L. (Kenya & UK)

Effects of case based payment and user fees regulation in health facilities

Fedjo T. T. G., Mwaka A., Musila T., Bossyns P., Ssengooba F. (Uganda & Belgium)

Impact of the Lesotho maternal and newborn health performance-based financing system on reproductive health indicators

Mofoka N., Uzamukunda C., Sued I., Meidany F., Mc Leod K., Vink M. (Lesotho, The Netherlands & USA)

Analysis of the institutional arrangements of performance-based financing and free health care: Case of Burkina-Faso

Zongo A., compaoré P., Kaboré M., Tapsoba B., Toé P., Zambendé Z. (Burkina Faso)

Health surveillance assistants remain critical to fill health workforce gaps in Malawi

Benedict Chinsakaso, Nicolette Jackson, Amanda Banda, Wies Kestens, Mit Philips, Marielle Bemelmans (Malawi, South Africa & Belgium)

In post-Ebola era, still waiting for the strengthening of health workforce in Sierra Leone

Marielle Bemelmans, Esther van Adrichem, Romy Rehfeld, Jacob Maikere, Mit Philips (Belgium & Sierra Leone)

Gender dimensions of the ASHA programme: Programme design, evolution, and implementation truths

Ved R., Gupta G., Singh S., Scott K., George A. (India & South Africa)

A solidarity fund to improve emergency obstetric and neonatal care in Mirriah department, Niger

Ocquet H. S., Labat A., Dujardin B., H.D. Maimouna, Janssen W., Weber L. (Niger & Belgium)

Does polycentric governance of community health worker (CHW) programs the answer to sustaining their effectiveness in management of tropical diseases? Lessons from a scaled-up program in central India

Samir Garg (India)

Cost-effectiveness of first-line antiretroviral regimens in a Nigerian HIV clinic: A 5-year retrospective study

Sunday Asuke, Joseph O. Ovosi, Beatrice O. Bello-ovosi, Mathew Iyanda, Lawong D. Bernsah (Nigeria)

Health workers implementation of tuberculosis screening of PLHIV in ART clinics in Ghana

Anaba Michael, Kenneth A. Ae-Ngibise, Seth Owusu-Agyei (South Africa & Ghana)



Enhancing chronic condition care for urban poor: Role of the local health systems

Bhojani U., Devadasan N., Kolsteren P., DeHenauw S., Criel B. (India & Belgium)

Assessing quality of HIV counselling services offered in public health facilities in Kampala

Victo Kyobutungi, Anthony Ssebageraka, Christine Muhumuza, Joseph Matovu (Uganda)

Integrating nutrition products into health system supply chains: Making the case

Sorensen S., Codjia P., Vreeke E., Jille-Traas I. (Kenya & Belgium)

Effect of primary health care worker training on identification of child- and adolescent mental health conditions: a randomised controlled trial in Uganda

Akol A., Babirye J. N., Makumbi F., Engebretsen I.M.S. (Norway & Uganda)

Factors associated with poor glycaemic control among diabetic patients in primary health care services in Morocco

Idrissi A., Leveque A. (Morocco & Belgium)

Kira Mama! A continuum of care for neonatal health

Conayisavve A., Bordigoni A., Fascendini M., Rosmini A., Pecchioni V. (Italy)

Quality determinants of diabetes mellitus services in Sudan: A descriptive study

Elfaki S.O.S., Balla S.A., Elhassein M. (Sudan & Sierra Leone)

A task-shifting mental health program: Integration of primary health care and social care on depression

Pham O.T., Nguyen C.T., Vu N.C., Pham D., Tran L.T., Nguyen T.H., To D., Nguyen H.V., Goldner E.M., Murphy J., Nguyen C.K. (Vietnam & Canada)

Gaps in the access, diagnosis, treatment and control of hypertensive patients in a metropolitan area of Centro Habana, Cuba

Addys Ma. Díaz Piñera, Armando Rodríguez Salvá, Alejandra Caridad Piña Alonso, René García Roche, Susana Balcindes Acosta (Cuba)

Gaps in the management of type 2 diabetic patients in a metropolitan area of Havana

Armando Rodríguez Salvá, Addys Ma. Díaz Piñera, Linet Céspedes Hernández, René García Roche, Susana Balcindes Acosta (Cuba)

A quasi-experimental study on the effects of a combination of secondary preventive interventions in reducing depressive symptoms among the elderly in Luwalhati Ng Maynila

Akiat D.L., Cajucom J.M., Corrales M., dela Paz J.M., Sy A.J., Zhang E.M. (Philippines)

Non-pharmacological factors associated with control of hypertension among older persons in Uganda: A cross-sectional survey

Ddumba I., Wandera S.O., Kawooya I., Musinguzi G., Islam S.M.S., Nuwaha F. (Uganda, Bangladesh & Australia)

The burden of non-communicable diseases in Benin: A threat for the country health system

Mohamed Lamine Dramé, Carmelle Mizehoun-Adissoda, Paulin Sogbohossou, René Paré, Armand Ekambi, Dismand Houinato, Karel Gyselinck, Michael Marx, Maria Rosário Oliveira Martins, Paulo Ferrinho (Belgium, Benin, Germany & Portugal)

Integrating mental health care (MHC) to the district health system: Action-research in Niger

Yamien I. (Niger)

Health system preparedness and access to medicines for non-communicable diseases at primary care: Experience from a south Indian district

Maya Annie Elias, Manoj Kumar Pati, Praveenkumar Aivalli, C.M. Munegowda, S. Bhanuprakash, N.S. Prashanth (India)

The global point prevalence survey of antimicrobial consumption in one Costa Rican hospital

Ramirez C., Villalobos J., Versporten A., Goossens H., Pelaez M. (Costa Rica & Belgium)

Effects of recurrent vaccination mass campaigns on the primary health service provision of the health zones of Kinshasa, Democratic Republic of Congo: An alternating time series analysis

Mafuta E.M., Kaniki M.J.M., Mvuama M.N., Nzakimuena F.Z., Bukasa A., Mavila A.K., Mutombo B.P. (Democratic Republic of Congo)

Effectiveness of "Task Shifting" from clinical officers to nurses in delivering pediatric antiretroviral treatment: A retrospective cohort study in Beira (Mozambique)

Di Gennaro F., Pizzol D., Monno L., Saracino A., Putoto G. (Italy & Mozambique)

Strengthen digestive surgical emergency care: Experience of an action-research in Zinder National Hospital, Niger

Adamou H., Amadou Magagi I., Habou O., Karimou S., Halidou M., Adamou M., Labat A. (Niger & Belgium)

Preventing infectious disease by sensitization

Kaboré R.P., Ouédraogo I., Ouédraogo P., Gnaminou S., Roamba G., Reuleck M., Gies S. (Burkina Faso & Germany)

Issues and challenges of integrating essential packages of high-impact services into the prevention, surveillance and adequate management of cases of neglected tropical disease in Guinea

Alpha Ahmadou Diallo (Guinea)

Health by all-oriented primary health care service utility: Evidence-based strategies for private sectors in Karachi, Pakistan

Khanzada F.A.

Community engagement, personal responsibility and self help in Cuba's health system reform

Luis-Gonzalez I.P., Martinez-Calvo S., Perez-Alvarez A.G., Almeida Y. (Cuba)

Improving prison health governance: The Zambian Prisons Health System Strengthening (ZAPHSS) project

Topp S.M., Moonga C.M., Chileshe C., Magwende G., Henostroza G. (Australia, Zambia & USA)

Who should govern health services? Varying perspectives of national and local decision-makers in the Philippine public health sector 25 years since devolution

Liwanag H.J., Wyss K. (Switzerland & Philippines)

"From Helsinki with love"- An evaluation of health in all policies strategy in Kenya

Mauti J., Tosun J. Jahn A. (Germany)

Developing effective national health policy communication in Uganda

Wilson Okaka, Judith Irene Nagasha (Uganda)

Promoting community participation in health system governance: Lessons from working with structures for community participation in rural Uganda and urban Cape Town

Mulumba M., London L., Ngwena C. (Uganda & South Africa)



Understanding factors that influence the implementation of the Performance-Based Financing scheme at community level for nutrition services in Burundi

Nkurunziza S., Van Geertruyden J.P., Korachais C., Anthierens S. (Burundi & Belgium)

An assessment of TB-HIV collaborative activities in Alwar district of Rajasthan

Jalam Singh Rathore, Ratan Meena, Mohammad Ayyub, Babita Singh, Anjali Singh (India)

Project HOPE: A cross-sectional study on the health out-of-pocket expenditures and respective coping mechanisms of patients in the service ward of Quirino Memorial Medical Center in light of PhilHealth membership and the No Balance Billing policy

Cabatit K.M., Goseco G., Oblepias K.M., Patricio M.A.G., Reyes H.E., Tabusalla A.F.N. (Philippines)

Stakeholders schematic mapping for implementing a policy to improve Healthcare Worker's distribution to rural area in a sub-national area in Nigeria

Nwankwo O.N.O., Nwankwo G.I., Nwogu K., Ugwu C.I., Akpoke M., Nwankwo.O.A., Anyigor C.J. (Nigeria & Sierra Leone)

Contribution of RBF in the implementation of Ugandan health financing strategy

Fedjo T. T. G., Musila T., Karegyeya G., Byakika S., Mwebesa H., Ssenkooba F. (Uganda)

India's national health policy 2017: Access to health care

Ray A., Shukla S. (India)

Risk factors of tuberculosis among health workers in the public sector in developing country

Mukuku O., Ruhindiza B.M., Sawadogo M. (Democratic Republic of Congo & Burundi)

Strategies to institutionalise patient engagement in the public health sector

Ku G.M.V., Dalmacion G., Baja M. (Belgium & Philippines)

A qualitative and quantitative evaluation of antimalarial chemotherapeutic practices and outcomes in the southwest region of Nigeria

Akinsola Oluwafemi, Debapriya Mondal, Niroshini Nirmalan (UK)

People-centered care at first line health services in Burkina Faso: Where are we? And what can be done?

Barro S., Kolsteren P., Drabo M. (Burkina Faso & Belgium)

Healthcare think tanks in India: Challenges, needs, and recommendations

Radhika Arora, Vrishali Shekhar, Stuti Shukla, Siddhartha Bhattacharya (India)

Knowledge, attitudes and practices towards schistosomiasis among school-aged children in Kisantu health zone / Democratic Republic of Congo

Khonde K.R. (Democratic Republic of Congo)

Contribution of community health workers towards estimating the global mortality rate in rural Eastern DR Congo: A household-based survey

Ndongozzi B., Nabugobe S., Cikomola M., Birembano, Bahati M. Bashonja M., Bwenge M., Ntambwe M., Bisimwa B. (Democratic Republic of Congo)

Learning inter-sectoral action beyond health discipline: A meta-narrative review

Mondal Shinjini, Van Belle Sara (Canada & Belgium)

Interdisciplinary team work in primary health care: Experience of Belgian community health center

Dispas H., Marganne M., Drielsma P., Somassè Y.E. (Belgium)

Local manufacturing of essential medicines in Ethiopia: Current status, challenges and opportunities

Beshir M., Seyoum S., Mussa S., Abdella M. (Ethiopia)

Feasibility of the 'three-level approach' for the quality control of antimalarial medicines in DR Congo

Mufusama J.P., Ndjoko Iset K., Holzgrabe U., Bringmann G. (Germany & DR Congo)

Development of an international External Quality Assurance (EQA) scheme for malaria Nucleic Acid Amplification Techniques (NAAT)

Jaya Shrivastava, Agatha Saez, Selvarani Murugupillai, Jane Cunningham, Peter Chiodini (UK & Switzerland)

Assessment of quality of health care in 4 health districts of South Tajikistan

Gulzira Karimova, Bandaev Ilhom, Zulfira Mengliboeva, Nasrullo Abdujabborov, Barbara Matthys, Helen Prytherch (Tajikistan & Switzerland)

The economic cost of counterfeit and substandard human medicines, including banned cosmetics in Tanzania from 2005-2015

Meena E., Mori A.T., Sillo H., Kaale E.A. (Tanzania & Norway)

Global Point Prevalence Survey on antimicrobial use and resistance (Global-PPS): Implications for antibiotic stewardship programme for Komfo Anokye teaching hospital in Ghana

Enimil A., Versporten A., Goossens H., Frimpong J. A., Agbedinu K., Nkyi C. A., Yeboah M., Ansong D. (Ghana & Belgium)

Towards improved health service quality in Tanzania: An approach to strengthen routine supportive supervision

Renggli S., Mayumana I., Mboya D., Charles C., Maeda J., Mshana C., Kessy F., Tediosi F., Pfeiffer C., Schulze A., Aerts A., Lengeler C. (Switzerland, United Republic of Tanzania & Ethiopia)

Perceived quality of care: Clients' aspect upon antenatal, delivery and postnatal care at health facilities in primary health care level

Mon N.O., Han W.W., Saw S., Mon S.W., Phyo A.P., Khaing H.L.Y., Latt M.T., Kempster M., Einda H.M.T. (Myanmar)

Accreditation at district level in Cote d'Ivoire: Are the actors informed enough to mobilize their capacity?

Bassalia D., Porignon D. G., Teya K., Kouakou B. I., Aka E. J., Kouassi D., Dosso M., Sondag-Thull D. (Belgium & Côte d'Ivoire)

Integrated eDiagnosis approach: Assessing the quality of the management of children illnesses in Burkina Faso

Some S. A., Blanchet K., Somda A. S., Lewis J., Sarrassat S., Cousens S. (Burkina Faso & UK)

Inventorying and accuracy assessment of HIV/AIDS rapid diagnostic tests in DR Congo

Lukau M.B., Sabi N.L., Lupande M.D., Muwonga M.J., Mangonza B.B., Dilu K.A., Mazongo L.D., Ahuka-Mundeke S. (DRC)

Regulation of medicines storage for health system resilience in Nigeria

Mohammed S., Jibo I.A., Aliyu S., Grys P., Awaisu A., Umar N. (Nigeria, Germany, Qatar & UK)

Mid-term evaluation results of improvement in medical interventions and midwifery care in five medical regions in Senegal

Goto M., Matsui M., Guéye Ba M., Iino Y., Sugiura Y., Murakami H., Fukushima K., Daff B.M., Diack A. (Senegal & Japan)



Use of drugs in management of uncomplicated malaria in Public Health facilities in DRC

Ntamabyaliro N.P., Likwela L.J., Nzolo B.D., Lula N.Y., Mesia K.G., Nsibu N.C., Tona L.G., Phanzu B.F., Lukuka A., Mampunza M.S. (DRC)

Management of severe acute malnutrition in the central western region of Burkina Faso: From emergency intervention to routine care

Schumacher R.F., Barro S., Kabore J., Pianelli G., Soanga K., Cattaneo G., Pietra V. (Burkina Faso & Italy)

Gender equality in healthcare access during international health crises

Osorio V., Oliver S. (UK)

Improving emergency medicine training in resource-limited settings, experiences from a pilot project in Zanzibar

Cohen D., Ferguson J., Wilson E., Mann C. (UK)

Evolving governance options to enhance equitable data sharing

Sheehy A., Whitehouse. A., Guerin P.J., Merson L. (UK)

One World Doctors: A new global platform of cross-border medical services

Janko Brand, Alexander Baltz, Tom Bley

Global health practicum in the Philippines of graduate students from two American universities: A perspective of the host institution

Belizario V.Y., delos Trinos J.R. (Philippines)

NCD monitoring: A challenge and a chance for global public health cooperation

Fehr A., Ziese, T. (Germany)

Cooperation between biomedical training programs: A challenge for healthcare

Amrouche M., Comte B., Walz R. (France)

Measuring behavioral outcomes in development aid: A call for standardization to improve the evidence synthesis

Van Remoortel H., Vande Veegaete A., Naidoo S., Avau B., Govender T., Vandekerckhove P., Young T., De Buck E. (Belgium & South Africa)

Continued agents of change? Follow-up of graduates from MPH program

Zwanikken P.A.C., Gerstel L. (The Netherlands)

Capacity building tracts and standardized protocols: Methodology of the workgroup of paediatrics of the NGO Medics Without Vacation (MWV)

Peeters Patrick (Belgium)

HERACLES collaborative and translational project on cystic echinococcosis funded by the European Commission

Adriano Casulli on behalf of the HERACLES consortium (Italy)

Extended ultrasound surveys for cystic echinococcosis in Bulgaria, Romania and Turkey: Results from HERACLES project

Tamarozzi F., Cretu C.M., Vutova K., Akhan O., Siles-Lucas M., Pezzotti P., Fabiani M., Brunetti E., Casulli A. (Italy, Romania, Bulgaria, Turkey & Spain)

Building training and research capacities in Ebola affected countries: The case of the Belgian cooperation in Guinea

Delamou A., Delvaux T., Beavogui A.H., Sow A., Van Bastelaere S., Criel B., Van Damme W. (Guinea & Belgium)

Rates and causes of death in women of reproductive age (12-49 years) in 12 rural communities from Maputo and Gaza province, southern Mozambique

Sacoor C., Augusto O., Nhalo A., Vilanculo F., Payne B., Munguambe K., Vidler M., Valá A., Von Dadelszen P., Sevene E. (Mozambique, Canada & UK)

Denial of health services for the stateless Rohingya refugees: Failure of muslim fellowship and humanity

Shaki. A.R., Sultana M. (Malaysia & Bangladesh)

The impact of urbanization and population density on childhood Plasmodium falciparum parasite prevalence rates in Africa

Caroline W. Kabaria, Marius Gilbert, Abdisalan M. Noor, Robert W. Snow, Catherine Linard (Kenya, Belgium & UK)

Assessment of agrochemicals used by the farmers in south-eastern rural Tanzania: Possible opportunities to engage farmers to support management of insecticide resistance in malaria vectors

Nancy S. Matowo, Marcel Tanner, Lizette L. Koekemoer, Maureen Coetzee, Fredros O. Okumu (Tanzania, South Africa & Switzerland)

Urban health interventions and vector-borne and other infectious diseases of poverty: An international collaboration to analyse knowledge gaps

Degroote S., Osorio L., Parra L.G., Garcia J.A., Torres L., Garcia V., Parra B., Fournet F., Bonnet E., Jourdain F., Bermudez-Tamayo C., Marcos-Marcos J., Olry de Labry A., Eder M.K., Braga C., Martelli C.M.T., Siqueira N., Cortes F., Carabali M., Campeau L., Dagenais C., Ridde V. (Canada, Colombia, France, Spain & Brazil)

Early life toxic metals exposure via drinking water and food: A public health concern

Syed Moshfiqur Rahman, Helena Skroder, Jena Derakhshani Hamadani, Eva-Charlotte Ekström, Maria Kippler (Sweden & Bangladesh)

Prevalence and management of acute pesticide poisoning in public and private hospitals in Kampala, Uganda

Charles Ssemugabo, Abdullah Ali Halage, Ruth Mubeezi Neebye, Victoria Nabankema, Massy Moses Kasule, Deogratius Ssekimpi, Erik Jørs (Uganda & Denmark)

Analysis of environmental risk factors associated to diarrhoeal diseases in a west African secondary city

Sokhna Thiam, Aminata Niang Diène, Jacques André Ndione, Ibrahima Sy, Christian Schindler, Guéladio Cissé (Switzerland & Senegal)

Climate change and schistosomiasis: A global synthesis of research findings, knowledge gaps and new research directions

Stensgaard A.S., Vounatsou P., Utzinger J. (Denmark & Switzerland)

The emergence of leptospirosis in the EU: The effect of climate on long term trends and seasonal outbreaks between 2008 and 2014

Rood E.J.J., Swinckels L., Picardeau M., Van Esbroeck M., Habus J., Chalker V., Jansen A., Goris M.G.A. (The Netherlands, France, Belgium, Croatia, UK & Germany)

Health of indigenous people in Papua: The role of water and sanitation infrastructure

Pangaribowo, E. H., Sumini (Indonesia)

Effects of climate change induced droughts in Bulilima district, Zimbabwe

Patrick Mirirayi (Zimbabwe)



Matrix of strategies for achieving and sustaining Open Defecation Free (ODF) communities in African rural settings

Patrick Mirirayi (Zimbabwe)

Examining the variation in prices of essential medicines for management of pain, cardiovascular diseases and diabetes: A cross-sectional study in four regions of Tanzania

Mori A.T., Kirua R.B., Temu M.J. (Tanzania & Norway)

National health insurance in South Africa as a mechanism for UHC

Surgey G., Koppliar-Reddy A. (South Africa)

Stewardship in the health sector: A comparison of countries

Gavin Surgey Shu-Shu Tekle-Haimanot (South Africa)

Responsive to who/what? A review of conceptualisations of 'responsiveness' in health systems literature

Whyte E.B., Olivier, J. (South Africa)

Expanded access to second-line TB treatment at risk in Eastern Europe and Central Asia (EECA) as global fund policies accelerate transition to national funding

Akerfeldt K., Lynch S., Ismayilov A. (UK, USA & Kyrgyz Republic)

Costa Rica entrance to OECD - Implications for the national health system

Oviedo-Gomez F.J. (Costa Rica)

Knowledge, attitude and practices: Assessing maternal and child health care handbook intervention in Vietnam

Aiga H., Nguyen V.D., Nguyen C.D., Nguyen T.T., Nguyen L.T. (Japan & Vietnam)

Determinants of intermittent preventive treatment use among pregnant women attending antenatal care at three levels of care in Oyo State: A comparative cross sectional study

Oladoja O.A., Adedokun B.O., Ajayi I.O. (Nigeria)

Policymaker, health provider and community perspectives on male involvement in maternal health in Mozambique: A qualitative study

Galle A., Degomme O., Roelens K., Griffin S., Osman N. (Belgium & Mozambique)

Case analysis of 255 cases of pregnancy complicated with systemic lupus erythematosus

Jiayue W.U., Wen D.I. (China)

Screening and initial management of gestational diabetes at the first level of care: A motivational leverage for antenatal care providers in Morocco?

Utz B., Assarag B., Lekhal T., De Brouwere V. (Belgium & Morocco)

Socio-cultural aspects of vaginal practices: A systematic and cross-cultural review of qualitative research

Dierickx S., Rahbari L., Longman C., Coene G. (Belgium)

Descriptive epidemiology of prevalence and factors associated with anemia among pregnant women initiating antenatal care in rural northern Ghana

Nonterah E.A., Adomolga E., Yidana A., Kagura J., Agorinya I., Ayamba E., Atindama S., Alhassan M. (Ghana & South Africa)

***Trichomonas vaginalis* infection in pregnant women at the era of HIV-AIDS in DRC**

Landela A.L., Mokulayanga F.M., Bobanga T.L., Mandoko P.N., Kunyu B.S., Fataki O.A., Muyembe J.J.T., Mumba D.N. (DRC)

Maternal and perinatal outcomes of visceral leishmaniasis (kala-azar) treated with sodium stibogluconate in eastern Sudan

Gamal K. Adam, Mohamed A. Abdulla, Ahmed A. Ahmed, Ishag Adam (Sudan)

Prevalence of latent tuberculosis (LTB) among pregnant women in high burden setting in Sudan using Interferon gamma (IFN- γ) releasing assay (IGRA)

Khalid Yassin, Abdualmoniem O. Musa, Hamdan Z. Hamdan, Nadir Abuzied, Asma A. Fagear, Gamal K. Adam, Tajeldin M. Abdalla, AbdelAzim A. Ali (Sudan)

Malaria in pregnant women in Bukavu, South Kivu, Democratic Republic of Congo

Bulabula A. M., Bulabula A. N. H., Myanga A.S; †Mvula M., Mbo M.P., Kayembe T. C. (D.R. Congo & South Africa)

Does gestational intake of adequate diets using the FAO women's dietary diversity indicator affect haemoglobin levels at delivery and newborn health outcomes? Preliminary findings from a prospective cohort study in Volta region, Ghana

Agbozo F., Abubakari A., Jahn A. (Germany & Ghana)

The association between women's status and the medicalization of female genital cutting in Egypt

Van Eekert N., Buffel V., Leye E., Van de Velde S. (Belgium)

Reducing maternal and neonatal mortality and morbidity by strengthening midwives' skills and improving their work setting in Arsi Zone, Oromia Region, Ethiopia - End of project evaluation report 2013-2016

Ashenafi Habtamu, Vincent Fauveau, Ibrahim Kedir, Samuel Muluye, Yosef Gebreyohannes, Mulu Muleta, Eden Getachew (Ethiopia & France)

Low birth weight or prematurity in teenage mothers from rural areas of Burkina Faso

Bihoun B., Zango S. H., Kaboré B., Traoré M. M., Valea I., Umberto D. A., Tinto H., Robert A. (Burkina Faso & Belgium)

Quality evaluation of active management of the third stage of labour at the district hospital of Comè in Benin in 2016

Mongbo V., Hounnou L. N., Saïzonou J., Makoutodé P., Guèdègbé J., Sossa-Jérôme C., Ouendo E.M. (Benin)

Impact of maternal STH infection on infant height and weight gains at 24 months of age

Gyorkos T.W., Sarker H., Mofid L.S., Montresor A., Razuri H., Casapia M. (Canada, Switzerland & Peru)

Prevalence, associated factors and evolution of gestational diabetes mellitus in Ouagadougou

Sagna Y., Yanogo D.A.R., Bagbila A., Saloukou E., Zombré T. Y., Guira O., Tieno H., Drabo Y. J. (Burkina Faso)

Sociodemographic, clinical and service predictors of post-surgical reintegration score among Ugandan women treated for obstetric fistula

Alison El Ayadi, Hadija Nalubwama, Justus Barageine, Susan Obore, Othman Kakaire, Haruna Mwanje, Felicia Lester, Abner Korn, Josaphat Byamugisha, Suellen Miller (USA & Uganda)

Safe Motherhood at Endulen Hospital – A good practice public health example to introduce cultural-sensitive hospital care to improve mother and child health within the Maasai community in Northern Tanzania

Schneider F., Dillmann M. (Germany & Tanzania)



Frequency of malaria in pregnant women and rate of use of prenatal consulting services in Lubumbashi medical district 2011-2015 (D.R. Congo)

Kakisingi C., Mutombo A., Mukomena E., Mukuku O., Makan G., Wembonyama S., Situakibanza N. H., Mwamba C., Luboya O. (D.R. Congo)

Socio-cultural barriers to accessing contraception among Palestine refugees in Jordan

Gerritsma N.J., Hababeh M., al-Shanti I., Seita A. (Jordan)

Difficulties in implementing a HPV/cervical cancer screening programme in Kinshasa

Mutombo B.A., Kanyiki H., Tozin R., Bogers J., Van Geertruyden J.P., Jacquemyn Y. (DR Congo & Belgium)

Misuse of antenatal care and its association with adverse outcome of pregnancy in a southern rural area of Vietnam

Ngo T.T.D., Tran T.T., Nguyen T.D., Goyens P., Robert A. (Vietnam & Belgium)

Assessing sexual health of very young adolescents in SW Uganda

Elizabeth Kemigisha, Viola N. Nyakato, Gad Ndaruhutse Ruzaaza, Wendo Mlahagwa, Els Leye, Gily Coene, Olivier Degomme, Kristien Michielsen (Uganda & Belgium)

Sexual and reproductive health service utilization and associated factors among University students, Northwest Ethiopia

Ayalneh A. (South Korea)

Determinants of utilization of reproductive health care services among adolescent girls in urban slums

Prasad R. R., Badgujar S. (India)

Prevalence and distribution of hpv genotypes found in Kinshasa versus Flanders

Mutombo B.A., Tozin R., Benoy I., Bogers J., Vandebroek D., Ramokone L.L., Van Geertruyden J.P., Jacquemyn Y. (DR Congo, Belgium & South Africa)

Mothers delivering under the stars: Observations of facility deliveries and family planning procedures in community health centres of Uttar Pradesh, India

Name Srivastava A., Saxena M., Bhattacharyya S. (India)

Users' and providers' perspective on quality of maternal care: A qualitative study of public health facilities in Uttar Pradesh, India

Bhattacharyya S., Srivastava A., Saxena M. (India)

An analytic cross-sectional study on the association between social determinants of health, maternal and child health-related knowledge and attitudes, and utilization of maternal, newborn, child health and nutrition strategy-prescribed services for maternal and child care of the Dumagat-Agta Community of General Nakar, Quezon

Aniceto R.C., Años B.M., Cornel D.A., Go M.S., Roque S.U., Te E.C. (Philippines)

Socioeconomic disparity in use of family planning services among Indian women: Evidence over past 25 years

Kumar A. (India)

Experiences and needs of pregnant women with severe mental illness receiving specialist mental health services in Addis Ababa, Ethiopia: A qualitative study

Milkias B., Hanlon C., Fekadu A. (Ethiopia & UK)

Knowledge of HIV/aids among Malayali tribes, India

Delfin Lovelina F. (India)

The importance of a community based approach in reaching out to survivors of sexual violence - The experience of two coffee cooperatives in the DR Congo

Cikuru M.N., Bosmans M. (DR Congo & Belgium)

What's a woman know about their maternal health and what's practiced in an underprivileged community of Bangladesh

Zaman S., Doraiswamy S., Biswas A., Rahman F., Halim M.A. (Bangladesh)

Maternal deaths surveillance system: A tool to guide action at regional level in Morocco?

Abouchadi S., Zhang W.H., Englert Y., Nejari C., De Brouwere V. (Morocco & Belgium)

Prevalence and predictors of health facility delivery of infants among mothers in Calabar, Cross River State, Nigeria

Arogundade K.A., Sampson J., Boath E., Femi-Pius O., Afirima B., Jaiyeola O., Olatoregun O., Kehinde O.G., Eke E. (Nigeria, UK & Liberia)

Prevalence and factors associated with exclusive breastfeeding rates in rural Burkina Faso

Bamouni M., Diallo A.H., Ouédraogo S., Koné A., Djibougou A., Meda N. (Burkina Faso)

Adolescent childbearing in Zambia: Multilevel analysis of individual and community level factors

Kampata L., Sandøy I. (Norway & Zambia)

Midwifery care, medical interventions during labour and childbirth and neonatal outcomes in the first-line public health facilities in Cambodia

Matsui M., Iwamoto A., Po R., Tung R. (Japan & Cambodia)

Assessment of knowledge, attitude and practice of breast cancer screening among women of reproductive age in Addis Ababa, Ethiopia

Abeje S., Seme A., Getiye Y., Woretaw A. (Ethiopia)

A catch-up visit increased coverage through home-based HIV testing in rural Lesotho but fails to reach 90%

Lejone T.I., Ringera I., Thin K., Klimkait T., Muhairwe J., Fritz C., Glass T.R., Labhardt N.D. (Lesotho & Switzerland)

Predictors of mortality in HIV patients with severe PCP admitted to intensive care unit: A systematic review

Lomencho A., Fantaye H., Azazh A. (Ethiopia)

Vaginal carriage prevalence of group B streptococcus (GBS), GBS serodistribution, risk factors for carriage of GBS and *Escherichia coli*, and microbiological and immune correlates of vaginal GBS carriage in three African populations

Piet Cools, Vicky Jaspers, Liselotte Hardy, Tania Crucitti, Sinead Delany-Moretlwe, Mary Mwaura, Gilles F. Ndayisaba, Janneke H.H.M. van de Wijgert, Mario Vaneechoutte (Belgium, South Africa, Kenya, Rwanda & UK)

Hospital admission among HIV-patients: Causes and factors associated with AIDS-defining events in a referral tertiary care hospital in Antananarivo, Madagascar

Raberahona M., Razafinambinintsoa T., Andriananja V., Ravalolomanana N., Tongavelona J., Andrianasolo R.L., Rakotoarivelo R.A., Randria M.J.D. (Madagascar)



Priority fast tracking HIV response in West and Central Africa to halt human and medical consequences of low ARV coverage

Nathalie Cartier, Akerfeldt Kerstin, Banda Amanda, Philips Mit (Belgium & South Africa)

Strategies and implementation of intrapartum foetal surveillance in low- and middle-income countries: A systematic review

Punt M.C., Housseine N., Browne J.L., Meguid T., Klipstein-Grobusch K., Franx A., Grobbee D.E., Rijken M.J. (The Netherlands & Tanzania)

Awareness and barriers regarding reproductive health care services of adolescent female garments workers in Bangladesh

Marzia S., Shaki A.R. (Bangladesh & Malaysia)

'We know what we should do, yet we don't do it': Barriers in contraceptive use with informed sexually active teenagers, Peru

Carmona G., Beltrán J., Calderón M. Piazza M., Chávez S. (Peru & Argentina)

Epidemiology of human coccidial infections in HIV positive women and children in Lagos state

Dibiajuba V. C., Otubanjo O. A., Idowu T. E. (Nigeria)

The use of manual vacuum aspiration in the treatment of incomplete abortions: An interventional study from Malawi

Odland M.L., Kafulafula U., Gadama G., Odland J.Ø., Darj E. (Norway & Malawi)

A game-changing drug: Access to misoprostol and medical abortion in Dar Es Salaam, Tanzania

Solheim I.H., Moland K.M., Kahabuka C., Pembe A.B., Blystad A. (Norway & Tanzania)

Quality assessment of partograph recording in Mnazi Mmoja hospital, Zanzibar: A nested cross-sectional study

Van Eden J.W., Punt M.C., Housseine N., Rijken M.J., Franx A., Meguid T., Kwast B.E., Browne J.L. (The Netherlands & Tanzania)

Understanding maternal and neonatal vaccination acceptance in the Gambia

Johm P., Jaiteh F., Clarke E., Peeters Grietens K. (Gambia, Belgium & The Netherlands)

Implementation of a community engagement program in the pathogenesis and treatment of nodding syndrome study in Uganda

Akun P.R., Anguzu R., Ogwang R., Oryema J.J. I., Ningwa A., Idro R. (Uganda & UK)

Perception of gender norms by rural populations for the integration of the men as partners approach in STI and HIV/aids prevention in women in Côte d'Ivoire

Tano-Kamelan A., Agbré-Yacé M.L., Blibolo A. D. (Côte d'Ivoire)

A mixed methods study on the risk of developing common mental disorders among adults living in flood-prone communities in Marikina City

Arceta J.R., Bernardo P.I., Boo D., Delgra R., Marbella C.R., Racela P.D., Villanueva M. (Philippines)

Sexual practices among men who have sex with men in Kinshasa

Daniel Mukadi, Liliane Sabi, Hilaire Nsabala, Angèle Dilu, Jordan Lasse, Hugues Manienga, Muriel Aloni, Jean-Jacques Muyembe, Steve Ahuka-Mundeke (D.R. Congo)

Implementation research on acceptability of physicians using a tele expertise network in Mongolia

Molho S., Mungunchimeg D. (Mongolia)

Cognitive determinants of multiple sexual partnerships and non-condom use using multi-stage stratified random cross-sectional survey in South Africa

Manjengwa-Hungwe P.G., Mangold K., Musekiwa A., Kuonza L.R. (South Africa)

Sociocultural dimensions of hypertension in Merida (Yucatan, Mexico): Preliminary findings of an anthropological research

Villegas Chim J., Rafful Ceballos M., Vera Gambia L., Pavía Ruz N., Londoño Agudelo E., Van der Stuyft P. (Mexico & Belgium)

Health professionals' views and perceptions on post-mortem procedures for cause of death determination in Mozambique

Maria M., Anselmo R., Castillo P., Macete E., Sanz A., Martínez J. M., Ordi J., Menéndez C., Bassat Q., Munguambe K. (Spain & Mozambique)

How rumours of 'placentas sellers' led to the decline of a malaria in pregnancy trial in Benin: An ethnographic study

Adelaide Compaore, Susan Dierickx, Fatou Jaiteh, Alain Nahum, Umberto D'Alessandro, Henk Shallig, Tinto Halidou, Koen Peeters Grietens (Burkina Faso, The Netherlands, Benin, Belgium, Gambia, UK & Japan)

What is the major issue to tackle neonatal infections in low income countries - Evidence from a community-based cohort study in Madagascar.

Huynh B.T., Kermorvant-Duchemin E., Herindrainy P., Padget M., Piola P., Garin B., Collard J.M., Guillemot D., Delarocque-Astagneau E. (France & Madagascar)

