

10th European Congress on Tropical Medicine and International Health



Antwerpen, Belgium
16-20 October 2017

Preliminary Programme



INSTITUTE
OF TROPICAL
MEDICINE
ANTWERP



Belgian Platform for
International Health



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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



15.00 **Registration**

17.00 **Welcome Addresses**

Government representatives
Congress Chair and Organisers

17.30 **Plenary Keynote Talks**

Complexities and future of global health research in developing countries

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

08.30 - 10.00	Elisabeth Hall Plenary Talks	Nightingale	Darwin	Gorilla 1	Gorilla 3	Pelican
10.00	Coffee Break					
10.30 - 12.00	3S1 Arboviruses	3S3 Malaria (clinical)	4S1 Elimination of HAT	5S1 Digitalisation and e-Health	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 Patients, Communities and Health Services	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)	6OS2 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

08.30 - 10.00	Toucan	Gorilla 4	Gorilla 5	e-Room 1 Stanley	e-Room 2 Galapagos
10.00	Coffee Break				
10.30 - 12.00	2S1 Surveillance of arboviruses	8S3 Sexual and Reproductive Health Rights	3OS5 Nodding syndrome		
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	9S1 Emerging voices		
15.00	Coffee Break				
15.30 - 17.00	2S3 Trematodes	8OS1 Abortion and post abortion care: Politics, religion, public health, health care and legal systems	9S2 Student initiatives - ways of creating an international environment Four alternative ways to improve internationalization at home		
17.00 - 18.30	2S4 Onchocerciasis & Modelling	8S5 HIV	9S3 Training on Neglected Tropical Diseases	3OS6 Integrating mental health into local health systems	

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
Jan Paehler, EuropeAid, DG DEVCO, European Commission
Remco van de Pas, Institute of Tropical Medicine, Belgium

10.00

Coffee Break

10.30

3S1 - Arboviruses**3S1.1 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)

3S1.2 Clinical features of Chikungunya infection and chronic polyarthralgia after the 2014-2015 outbreak on Aruba

Huits 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)

3S1.3 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., Huits R. (Belgium & Japan)

3S1.4 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)

3S1.5 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 MJ., 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)

3S1.6 Incidence of travel-associated Zika virus infection in 2016: Preliminary results of a prospective cohort study in Belgian travellers to the Americas

Huits 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**3S2.1 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)

3S2.2 Inclusion of pregnant women in ebola clinical trials

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

3S2.3 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)

3S2.4 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)

3S2.5 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)

3S2.6 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., Lehloenyha 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)****3S3.1 Vivax malaria morbidity after radical treatment: A 2-year cohort study in Central Vietnam**

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

3S3.2 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)

3S3.3 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)

3S3.4 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)

3S3.5 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****8S1.1 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)

8S1.2 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)

8S1.3 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., Stepniewska K., Humphreys G.S., Paw M.K., Pimanpanarak M., Nosten F., Guerin P. J., McGready R. (UK & Thailand)

8S1.4 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)

8S1.5 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****8S2.1 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)

8S2.2 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)

8S2.3 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)

8S2.4 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)

8S2.5 Malaria risk 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)

8S2.6 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

- 4S1.1 Innovative methods of case finding to achieve elimination of human African trypanosomiasis in the Democratic Republic of Congo**
Mpanya A., Claey's Y., Fukinsia A., Snijders R., Makabuza J., Boelaert M., Lutumba P., Lumbala C., Hasker E. (DRC & Belgium)
- 4S1.2 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)
- 4S1.3 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)
- 4S1.4 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)
- 4S1.5 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

- 4S2.1 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)
- 4S2.2 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)

10.30

4S2.3 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)

10.30

4S2.4 Investigation and prevention against Monkeypox in Mefou Primate Sanctuary, Cameroon, 2016

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

10.30

4S2.5 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)

10.30

4S2.6 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

17.00

4S3.1 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)

17.00

4S3.2 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)

17.00

4S3.3 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)

17.00

4S3.4 Mapping of leprosy cases as a tool for rationalizing contact screening

Epcó 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)

17.00

4S3.5 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, Thanh Ngo Duc, Duong Thanh Tran, Thang Duc Ngo, Gerard Kelly, Nicholas J Martin (Vietnam, Australia, Finland & Singapore)



10.30 **5S1 - Digitalisation and e-Health**

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **5S2 - Patients, Communities and Health Services****5S2.1 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)

5S2.2 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)

5S2.3 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)

5S2.4 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)

5S2.5 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)

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****5S3.1 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)

5S3.2 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)

5S3.3 Models of engagement between the state and faith sector in Sub-Saharan Africa: A systematic review

Whyle, E.B., Olivier, J. (South Africa)

5S3.4 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)

5S3.5 The politics of the basic benefit package reforms in Tajikistan: Health governance constraints in neo-patrimonial settings

Eelco Jacobs (The Netherlands & Switzerland)



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

6OS2 - 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

4S4.1 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)

4S4.2 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)

4S4.3 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)

4S4.4 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)

4S4.5 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**1S1.1 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)

1S1.2 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)

1S1.3 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)

1S1.4 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**1S2.1 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)

1S2.2 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)

1S2.3 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)

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 of arboviruses**

- 2S1.1** 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)
- 2S1.2** 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)
- 2S1.3** 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)
- 2S1.4** 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)
- 2S1.5** 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**

- 2S2.1** Antiviral drug-resistant Chikungunya viruses can be transmitted by their mosquito vectors
 Delang L., Yen P., Vazeille M., Neyts J., Failloux A. (Belgium & France)
- 2S2.2** 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)
- 2S2.3** 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)
- 2S2.4** 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)
- 2S2.5** 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**

- 2S3.1** *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)
- 2S3.2** 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., Alfraroukh I. O., Moto D. D., Hattendorf J., Utzinger J., Zinsstag J. (Switzerland & Chad)
- 2S3.3** 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)
- 2S3.4** 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)
- 2S3.5** 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 - Onchocerciasis & Modelling**

- 2S4.1** 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., Hendy A. (Belgium, Germany, UK & Tanzania)
- 2S4.2** 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)
- 2S4.3** Mathematical modelling of transmission dynamics of *Opisthorchis viverrini*
 Bürli C., Harbrecht H., Odermatt P., Sayasone S., Chitnis N. (Switzerland & Lao PDR)
- 2S4.4** Estimating age-time dependent malaria force of infection accounting for unobserved heterogeneity
 Hens, N., Mugenyi, L., Abrams, S. (Belgium & Uganda)
- 2S4.5** Mathematical modelling of dog rabies transmission in N'Djaména, Chad
 Laager M., Mbilo C., Léchenne M., Zinsstag J., Chitnis N. (Switzerland)



10.30 **8S3 - Sexual and Reproductive Health Rights****8S3.1 Critical reflections on srhr policies and law**

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

8S3.2 Evaluating DANIDA's global SRHR policy: Tracing accountability pathways at the global policy level

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

8S3.3 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 Be-cause health, the Belgian platform on International Health (Belgium)

8S3.4 Academic network for sexual and reproductive health and rights policy (ANSER)

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

8S3.5 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****8S4.1 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-Mundede S. (DRC)

8S4.2 Socioeconomic counters of intimate partner violence and impact on reproductive health services in India

Gogoi M., Kumar A. (India)

8S4.3 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)

8S4.4 "Never trust an open door" - Controversies of sexual pleasure, pain and Female Genital Mutilation among African migrants in Belgium, the Netherlands and the UK

Zewelde 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****8S5.1 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)

8S5.2 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)

8S5.3 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)

8S5.4 Screening of human Papillomavirus, cervical cytological abnormalities and associated risk factors in HIV-positive and HIV-negative women in Rwanda

Manzi O.M. (Rwanda)

8S5.5 HIV prevalence declines in Southern Africa: Have we misread the landscape?

Loevinsohn M.E. (The Netherlands)



10.30

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, Belgium

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

9S1 - Emerging Voices

Detailed programme TBC

15.00

Coffee Break

15.30

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

BeMSA Ghent, medical students

17.00

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

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

17.00

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

08.30 - 10.00	Elisabeth Hall Plenary Talks	Nightingale	Darwin	Gorilla 1	Gorilla 3	Pelican
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 for Health	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	40S2 Targeted malaria elimination in the Greater Mekong Subregion using mass drug administration	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	World Premiere of <i>The Heart of the Matter</i>					

Programme at a glance - Wednesday 18/10

08.30 - 10.00	Toucan	Gorilla 4	Gorilla 5	e-Room 1 Stanley	e-Room 2 Galapagos
10.00	Coffee Break				
10.30 - 12.00	40S3 Using the One Health Concept for preparedness of Emerging Diseases	8S6 Child Mortality	5S8 Financing	60S3 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 Strategic financing: Concept and field applications from 6 partner countries	60S4 Collaborative initiatives for capacity building and education	
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 Scratching beyond the surface: methods for and cases of under-documented issues in Performance-Based Financing (PBF)	Journalism session The impact of science and journalism on global health	80S2 Crisis in the Mediterranean: Training health care providers for working with refugees, forced migrants and asylum seekers
17.00 - 18.30					

08.30

Plenary Talks**Fevers and cold feet**

Paul Newton, University of Oxford, UK and LOMWRU, Laos

Access to new and expensive essential medicines, as part of universal health coverage

Hans V. Hogerzeil, University Medical Centre, Groningen, 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**5S4.1 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)

5S4.2 The impact of local private distributors on quality of medicines available in non African low- and middle-income countries

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

5S4.3 How the quality strategy can tackle the challenges of procuring medicines in weak regulatory environments: The experience of a sub-Saharan African Procurement Centre

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

5S4.4 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 *The Heart of the Matter*, a Film focusing on Peter Piot's ResearchFollowed 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**3S4.1 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., Palpougini L., Post A., Barbara B., Tinto, H., Jacobs, J. (Burkina Faso & Belgium)

3S4.2 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)

3S4.3 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?

- 4S5.1 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)
- 4S5.2 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)
- 4S5.3 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)
- 4S5.4 Epidemiological profile of malaria transmission in the Brazilian Amazon, 2010-2015**
Canelas T., Castillo-Salgado C., Ribeiro H. (Brazil & USA)
- 4S5.5 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)
- 4S5.6 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)

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

4OS2 - Targeted malaria elimination in the Greater Mekong Subregion using mass drug administration**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

- 2S5.1 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)
- 2S5.2 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., Aljayoussi G. (UK, Kenya, The Netherlands & USA)
- 2S5.3 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)
- 2S5.4 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)
- 2S5.5 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)
- 2S5.6 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

- 5S5.1 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)
- 5S5.2 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)
- 5S5.3 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)
- 5S5.4 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 for Health

- 5S6.1 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)
- 5S6.2 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)
- 5S6.3 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

- 5S7.1 The ALMANACH Project: Preliminary results and potentiality for Afghanistan**
Bernasconi A., Rossi R. Crabbé F., Qani I., Raab M., Du Mortier S. (Switzerland & Afghanistan)
- 5S7.2 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)
- 5S7.3 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)
- 5S7.4 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)
- 5S7.5 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**1S3.1 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)

1S3.2 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)

1S3.3 *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)

1S3.4 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)

1S3.5 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**1S4.1 Micro-epidemiological approach to understanding transmission dynamics of *Mycobacterium ulcerans* in the Ouémé river valley in southern Benin**

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

1S4.2 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)

1S4.3 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)

1S4.4 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

40S3 - 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**2S6.1 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)

2S6.2 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)

2S6.3 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)

2S6.4 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)

2S6.5 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)

2S6.6 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)

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**8S6.1 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)

8S6.2 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)

8S6.3 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)

8S6.4 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**8S7.1 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)

8S7.2 Prevalence and incidence of schistosome infection and morbidity in pre-school children aged 6 months to 5 years

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

8S7.3 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)

8S7.4 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)

8S7.5 Incidence and characteristics of unintentional injuries among children in a resource limited setting in Kampala, Uganda

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

15.00

Coffee Break



15.30

4S6 - NTD control/elimination through preventive chemotherapy

- 4S6.1 Challenges for the control of strongyloidiasis in public health**
Albonico M., Bisoffi Z., Montresor A., Savioli L. (Italy & Switzerland)
- 4S6.2 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)
- 4S6.3 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)
- 4S6.4 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)
- 4S6.5 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

- 5S8.1 Do patients who incur informal payments really receive care a better quality? Evidence from Cameroon**
Kankeu Tchewonpi H. (UK)
- 5S8.2 It takes two to own. The policy process behind the implementation of PBF in Uganda**
Renmans D., Holvoet N., Criel B. (Belgium)
- 5S8.3 Catastrophic health expenditure and care-seeking practices in Afghanistan: A mixed-methods study**
Jacobs, E., Zaal, F., Alba, S. (The Netherlands)
- 5S8.4 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 - 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

15.00

Coffee Break

15.30

5OS7 - 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

10.30

6OS3 - 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

6OS4 - 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

08.30 - 10.00	Elisabeth Hall Plenary Talks	Nightingale	Darwin	Gorilla 1	Gorilla 3	Pelican
10.00	Coffee Break					
10.30 - 12.00	7S1 Health Inequalities	3S5 Mycobacterial diseases	1S5 Vaccinology	5S9 Governance of health systems Managing complexity, managing accountability	6OS6 Innovative training programmes for local health systems staff	7S2 Migrant Health
12.00	Lunch Break & Poster Tour (12.30 - 13.30)					
13.30 - 15.00	5OS8 Title TBC	4OS4 Towards improved tuberculosis control - why small countries matter	4S7 Vaccine-preventable diseases	5OS9 Complex adaptive governance in local health systems	6S2 Training and Capacity Building	3S6 Health Problems among Travellers and Migrants
15.00	Coffee Break					
15.30 - 17.00	3OS10 New tools and initiatives to combat Antimicrobial Resistance (AMR)	4OS5 Interrupting leprosy transmission - the unfinished task	4S8 Vaccination strategies	5OS10 Strengthening comprehensive and integrated first line care for health & well-being	6OS7 From tropical medicine to global health: Presenting an educational evolution	3S7 Bacterial infections in the Tropics
17.00 - 18.30	7OS3 Global Observatory on Health R&D	6OS5 Preparing for the next epidemic: the need for global collaboration	8OS3 Human papilloma virus vaccines and cervical cancer mortality in sub-Saharan Africa	6S1 International Funding Mechanisms	9S4 Transglobal Health programme	3S8 Challenging Syndromes and co-infections

Programme at a glance - Thursday 19/10

08.30 - 10.00	Toucan	Gorilla 4	Gorilla 5	e-Room 1 Stanley	e-Room 2 Galapagos
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		4OS6 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 Leishmaniasis	8S8 Obstetric Care	3S10 Management of Helminthiases	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	6OS8 Development, validation and implementation of diagnostic tools in resource-limited settings	TMIH workshop 2	
17.00 - 18.30	6S3 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	8OS6 The power of the image: use of multimedia in health research, advocacy, and dissemination	8OS7 Social and economic impact of cutaneous leishmaniasis in Latin America

08.30

Plenary Talks

Bridging pharma and academia towards drug discovery for diseases of the developing world

Julio Martin, GSK Spain

Fieldworkers views of health research and why they fabricate data

Patricia Kingori, Wellcome Trust Society, The Ethox Centre, University of Oxford, UK

The information (and motivation) problem in global health

Seye Abimbola, National Primary Health Care Development Agency, Nigeria and Sydney School of Public Health, University of Sydney, Australia

10.30

7S1 - Health Inequalities**7S1.1 State of inequality in malaria services in Sub-Saharan African countries**

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

7S1.2 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)

7S1.3 Inequities in global health: Easy to see, hard to define

Ooms Gorik (UK)

7S1.4 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**3S5.1 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)

3S5.2 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)

3S5.3 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)

3S5.4 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., Boncougou K., Maiga S., Nacanabo R., Kunakey E.K., Ouédraogo M. (Burkina Faso)

3S5.5 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

4OS4 - 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

4OS5 - Interrupting leprosy transmission – The unfinished task**Organisers:**

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

17.00

6OS5 - 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

1S5 – Vaccinology

- 1S5.1 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)
- 1S5.2 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)
- 1S5.3 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)
- 1S5.4 Preclinical development of a new peptide-based vaccine against human leishmaniasis**
Pissarra J., Holzmuller P., Bras-Goncalves R., Garnaoui A., Lemesre J.L. (France & Tunisia)
- 1S5.5 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

- 4S7.1 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)
- 4S7.2 Trends of circulating vaccine-derived poliovirus isolated in the National Reference Polio laboratory in the Democratic Republic of Congo: 1997-2013**
Kavunga H., Yogolelo R., Pukuta E., Muyamuna E., Ahuka-Mundeke S., Muyembe J.J. (DRC)
- 4S7.3 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)
- 4S7.4 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)
- 4S7.5 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

- 4S8.1 Extracting the incentives: Vaccination behavior as a multi-criteria decision**
Verelst F., Willem L., Kessels R., Beutels P. (Belgium & Australia)
- 4S8.2 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)
- 4S8.3 WHO gap III roadmap to compliance for poliovirus-essential facilities**
De Kesel T., Rüdelsheim P. (Belgium)
- 4S8.4 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)
- 4S8.5 Understanding girls' preference for human papilloma virus vaccination in Ethiopia: A study protocol for Discrete Choice Experiment**
Hailu A., Assefa R. (Ethiopia & Norway)

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 **5S9 - Governance of Health Systems Managing Complexity, Managing Accountability**

- 5S9.1 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)
- 5S9.2 Health systems governance in conflict-affected settings: Governing Kurdistan's health system during the ISIS-related conflict**
Zangana G.A., Mangouri Z. (Iraq)
- 5S9.3 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 **6S1 - International Funding Mechanisms**

- 6S1.1 The love-hate relationship between European donors and the global health initiatives**
Steurs L., Delputte S., Orbie J. (Belgium)
- 6S1.2 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)
- 6S1.3 European donors and health system strengthening: A distinct approach?**
Steurs L., Delputte S., Orbie J. (Belgium)

10.30 **6OS6 - 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

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **6S2 - Training and Capacity Building**

- 6S2.1 Medical electives – A risky business for all?**
Hookham L., Smith K., Schmid M. (UK)
- 6S2.2 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)
- 6S2.3 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)
- 6S2.4 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
- 6S2.5 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)

15.00 Coffee Break

15.30 **6OS7 - 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**7S2.1 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)

7S2.2 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)

7S2.3 Needs versus rights: Moral understandings of healthcare workers and undocumented migrants in Belgium regarding access to healthcare

Lafaut D. (Belgium)

7S2.4 Family health Doctors Beyond Borders

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

7S2.5 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 - Health Problems among Travellers and Migrants**3S6.1 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)

3S6.2 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)

3S6.3 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)

3S6.4 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)

3S6.5 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**3S7.1 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)

3S7.2 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, Gaelle Nkoji, Katja Polman, Pascal Lutumba, Marie-France Phoba, Octavie Lunguya, Jan Jacobs (Democratic Republic of Congo & Belgium)

3S7.3 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)

3S7.4 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**3S8.1 Causes of non-traumatic paraplegia in Malawi**

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

3S8.2 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)

3S8.3 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)



3S8.4 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)

3S8.5 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)

3S8.6 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**3S9.1 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)

3S9.2 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)

3S9.3 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)

3S9.4 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)

3S9.5 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)

3S9.6 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 Leishmaniasis**4S9.1 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)

4S9.2 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)

4S9.3 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)

4S9.4 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)

4S9.5 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**

4S10.1 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)

4S10.2 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)

4S10.3 *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)

4S10.4 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 **6S3 - International Partnerships and Collaboration**

6S3.1 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)

6S3.2 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)

6S3.3 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., Brügge B., Prazeres da Costa C., Ngowi H. (Norway, Germany, Tanzania, Zambia & Mozambique)

6S3.4 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)

6S3.5 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**

8S8.1 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)

8S8.2 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)

8S8.3 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)

8S8.4 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)

8S8.5 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

- 1S6.1 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)
- 1S6.2 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)
- 1S6.3 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)
- 1S6.4 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)

12.00

Lunch Break and Poster Tour (12.30 - 13.30)

13.30

3S10 - Management of Helminthiases

- 3S10.1 Comparison of single kato-katz, duplicate kato-katz, mini-flotac and fecpakG2 for the assessment of anthelmintic efficacy of single dose albendazole**
Cools P., Vlamincck J., Albonico M., Ame S., Ayana M., Keiser J., Mekonnen Z., Montresor A., Sayasone S., Verweij J., Vercruyse J., Levecke, B. (Belgium, Switzerland, United Republic of Tanzania, Ethiopia, Lao People's Democratic Republic & The Netherlands)
- 3S10.2 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)
- 3S10.3 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)
- 3S10.4 Evolution of anthelmintic resistance in the era of preventive chemotherapy**
Coffeng L.E., Stolk W.A., de Vlas S.J. (The Netherlands)
- 3S10.5 Hot topics in the diagnosis and management of strongyloidiasis**
Buonfrate D., Bisoffi Z. (Italy)

15.00

Coffee Break



15.30

6OS8 - 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



13.30 **TMIH Workshop 1**

15.00 Coffee Break

15.30 **TMIH Workshop 2**10.30 **4OS6 - 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

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **3OS13 - International Networks for Travel Medicine****Organiser:**

TropNet
 Swiss Tropical Institute of Public Health, Basel, Switzerland

15.00 Coffee Break

15.30 **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

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	Elisabeth Hall	Nightingale 40S7 Switzerland's contribution to research and control of malaria and the neglected tropical diseases	Darwin 60S9 Give-and-take: sharing and using health research and programme data for improved impact	Gorilla 1 Late Breaker Session 1	Gorilla 3 Late Breaker Session 2
10.00	Coffee Break				
10.30 - 12.00	Plenary Talks				
12.00	Closing Ceremony				
12.30	Lunch				

Programme at a glance - Friday 20/10

08.30 - 10.00	Pelican 50S11 Quality improvement and patient safety in low and middle income countries	Toucan 50S12 Asset management in LMICs: A challenge with multiple answers	Gorilla 4 60S10 The secrets of effective networks -5 case studies focusing on structure and functioning of multi-stakeholder platforms		
10.00	Coffee Break				
10.30 - 12.00					
12.00	Closing Ceremony				
12.30	Lunch				

10.30

Plenary Talks**Malaria elimination: Challenges and opportunities**

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

Achieving impact at scale - Lessons from Africa

Sodzi Sodzi-Tettey, Institute for Healthcare Improvement, Ghana

12.00

Closing Ceremony

12.30

Farewell Lunch

08.30

4OS7 - Switzerland's contribution to research and control of malaria and the neglected tropical diseases**Organiser:**

Swiss Society of Tropical Medicine and Parasitology (SSTMP)



08.30

6OS9 - 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

50S11 - 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/MSV

10.00

Coffee Break

08.30

6OS10 - 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



Poster List

- 1P1** **Screening the pathogen box and the stasis box to identify compounds inhibiting *Madurella mycetomatis* growth *in vitro* and *in vivo***
Konings M., Melse Y., van de Sande W. (The Netherlands)
- 1P2** **Action of HIV and tuberculosis medication on CatSper Ca²⁺ channels in human sperm**
Schneider F., Brenker C., Schlatt S., Strünker T. (Germany)
- 1P3** **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)
- 1P4** **Targeting the arginine permease 3 (*aap3*) coding sequence for rapid identification of *Leishmania* through high resolution melting (HRM) analysis.**
Müller K.E., Zampieri R.A., Aoki J.I., Muxel S.M., Nerland A.H., Floeter-Winter L.M. (Norway & Brazil)
- 1P5** **Evaluation of the Leishbox compounds on Nepalese clinical isolates of *Leishmania donovani*, an industrial/ academic collaboration**
Hefnawy A., Cantizani J., Peña I., Dujardin J.C., de Muylder G. & Martin J. (Belgium & Spain)
- 1P6** **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., Verfaillie C. (Belgium)
- 1P7** **The ESBL NDP test: A tool for rationale use of antibiotics in low resource countries**
Affolabi D., Sogbo F., Laleye G., Orekan J. (Benin)
- 1P8** **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)
- 1P9** **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)
- 1P10** **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 J.M. (Spain & USA)
- 1P11** **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)
- 1P12** **Evaluation of a Loop-Mediated Isothermal Amplification (LAMP) kit as a molecular diagnostic test for congenital Chagas disease**
Flores-Chávez M.D., Besuschio S.A., Picado A., Ibañez I., Wehrendt D.X., Perez P., Abras A., Ballart C., Gallego M., Muñoz C., Ndung'u J.M., Schijman A.G. (Argentina, Switzerland & Spain)

- 1P13** **Serological tests for *gambiense* human African trypanosomiasis detect antibodies in cattle**
Matovu E., Kitibwa A., Picado A., Biéler S., Bessell P.R., Ndung'u J.M. (Uganda, Switzerland & UK)
- 1P14** ***In vitro* and *in vivo* anti-malarial activity of extracts from *terminalia mantaly* (combretacéae)**
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., Hounda F.J.B., Boyom F.F. (Cameroon)
- 1P15** **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)
- 1P16** **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., Pluschke G. (Switzerland, Nigeria & Democratic Republic of Congo)
- 1P17** **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)
- 1P18** **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 K.K., Van Esbroeck M. (Belgium)
- 1P19** **The challenge in serodiscordant Chagas Disease: The role of two confirmatory techniques in inconclusive cases**
Moure Z., Sulleiro E., Iniesta L., Guillen C., Molina I., Alcover M.M., Riera C., Pumarola T., Fisa R. (Spain)
- 1P20** **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)
- 1P21** **Development of a nanobody-based amperometric immunocapturing assay for sensitive and specific detection of *Toxocara canis* excretory-secretory antigen**
Morales-Yáñez F.J., Sariego I., De Wael K., Polman K., Muylermans S., Trashin S. (Belgium & Cuba)
- 1P22** **Anti-cancer potential of *Fasciola hepatica* extracts**
Ferreira S., Fernandes R., Alves H., Richter J., Botelho M.C. (Portugal & Germany)
- 1P23** **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)
- 1P24** **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., Deborggraeve S. (Rwanda & Belgium)



- 1P25** **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., Rossen J.W. (The Netherlands, Venezuela & Germany)
- 1P26** **Usefulness of *Toxocara canis* larval low molecular weight excretory-secretory products for diagnosis of human toxocariasis**
Sariego I., Rojas L., Cantillo J., Falcón R., Polman K. (Cuba & Belgium)
- 1P27** **MRDT (Malaria Rapid Diagnostic Test): *P.vivax* pLDH cross react with *Denguevirus* (DENV)?**
Grande R., Genco F., Palazzin A., Rovida F., Zanchetta N., Maserati R., Bruno A., Cevini C., Gismondo M.R., Meroni V. (Italy)
- 1P28** **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)
- 1P29** **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)
- 1P30** **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)
- 1P31** **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)
- 1P32** **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)
- 1P33** **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)
- 1P34** **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'Elios 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)
- 1P35** **Parasitic exosomes as biomarkers for diagnosis in infectious diseases**
Morales G., Cardenas D., Arroyo C., Ayala L., Seqqat R., Torres M. (Ecuador)

- 1P36** **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)
- 1P37** **Variable-Number-Tandem-Repeat Typing for *Madurella mycetomatis* isolates**
Lim W., Eadie K., van de Sande W. (The Netherlands)
- 1P38** ***Trypanosoma cruzi* analysis by Next Generation Sequencing reveals an important genetic expansion**
Callejas-Hernández F., Gironès N., Fresno M. (Spain)
- 1P39** **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)
- 1P40** **Analysis of the Ubiquitin-conjugating (E2) gene, over-expressed in metacyclic promastigotes of *Leishmania infantum* extracted from *Phlebotomus perniciosus***
Larraga J., Alonso A., Alcolea P.J., Larraga V. (Spain)
- 1P41** **Genome-wide analysis of gene expression in a knock-in cell line of *Leishmania infantum* over-expressing the elongation factor 2 gene**
Alcolea P.J., Alonso A., Martínez E., Valladares B., Larraga V. (Spain)
- 1P42** **Molecular subtyping of *Blastocystis* from symptomatic patients and healthy individuals from the southwestern Iran**
Beiromvand M., Hardanipasand L. (Iran)
- 1P43** **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**
Hajjaran H., Bahrami A., Kazemi-Rad E., Mohebalí M., Raoofian R., Oshaghi M.A. (Iran)
- 1P44** **Pharmacogenetic profile of P450 2B6, 2C8 and 3A4 genetic variants and the clinical association with malaria recurrent infections in DR Congo**
Baraka V., Hansson H., Mavoko H.M., Nabasumba C., Francis F., Lutumba P., Alifrangis M., Van Geertruyden J.P. (United Republic of Tanzania, Belgium, Democratic Republic of Congo, Uganda & Denmark)
- 1P45** **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., Lahaye F.M., Rapp C. (Egypte, France, Burkina Faso & Togo)
- 1P46** **Molecular characterization of *Trypanosoma cruzi* in 4 Chagas disease patients infected by different routes of transmission**
Moure Z., Sulleiro E., Ibáñez I., Rubio J.M., Martín A., Nieto J., Pumarola T., Flores Chávez M. (Spain)
- 1P47** **Exploring the genetic basis for human trypanotolerance in African populations**
Matovu E., the TrypanoGEN Network (Uganda)



- 1P48** **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)
- 1P49** **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)
- 1P50** **First genome of *Salmonella* concord, a highly resistant and virulent *Salmonella* serotype in the Horn of Africa**
Cuypers W.L., Dougan G., Jacobs J., Laukens K., Deborggraeve S., Van Puyvelde S. (Belgium & UK)
- 1P51** **Antifolate resistance mutations in *Plasmodium falciparum* isolates from the Central Africa Republic**
Djallé D., Ipero J., Serengbe Bobossi G., Kazanji M., Manirakiza A. (Central African Republic & France)
- 1P52** **Evaluation of the pharmacokinetic-pharmacodynamic relationship of praziquantel in the *Schistosoma mansoni* Mouse Model: Possible clinical implications**
Abla N., Keiser J., Vargas M., Reimers N., Haas H., Spangenberg T. (Germany & Switzerland)
- 1P53** **Moderate and severe LFT elevations in controlled human *P. falciparum* malaria infection model: Recent experience, literature review and mechanistic hypotheses**
Akakpo S., Chalon S., Duparc S., Shapiro T., Griffin P., McCarth J. (Switzerland, USA & Australia)
- 1P54** **Cellulose filtration of blood from malaria patients for improving ex vivo growth of *plasmodium falciparum* parasites**
Mkumbaye S.I., Minja D.T.R., Jespersen J.S., Alifrangis M., Kavishe R.A., Mwakalinga S.B., Lusingu J.P., Theander T.G., Lavstsen T., Wang C.W. (Tanzania & Denmark)
- 1P55** **The establishment of an Enterovirus 71 (EV71) infection model with robust lethal neuro-pathogenicity in adult mice**
Sun L., Tijmsa A., Thibaut H.J., Mirabelli C., Delang L., Neyts J. (Belgium)
- 1P56** **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)
- 1P57** **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)
- 1P58** **Rabies antibody response after boosting 10 years or more after pre-exposure prophylaxis**
De Pijper C.A., Langedijk A.C., Grobusch M.P., Stijns C. (The Netherlands)
- 1P59** **Pneumococcal Vaccine Immunogenicity following allogeneic hematopoietic stem cell transplantation**
Langedijk A.C., Van Aalst M., Meek B., Grobusch M.P., Goorhuis A. (The Netherlands)

- 1P60** **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., Laboratory-Pneumococci Group (Cuba & UK)
- 1P61** **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)
- 1P62** **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 P.J., Matungulu E., Gheka M., Mukadi P., Muyembe J.J., Mbala P., Ahuka-M.S. (Democratic Republic of Congo)
- 1P63** **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)
- 1P64** **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)
- 1P65** **Wing sexual dimorphism in species and subspecies of Tsetse flies**
Ebhodaghe F.I., Jaramillo-O.N. (Ghana & Colombia)
- 1P66** **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)
- 3P1** **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)
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Mvumbi P., Likwela J., Musau J., Okitolonda E., Faye O., Angoran-Benie H. (Democratic Republic of Congo)
- 3P3** **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)
- 3P4** **Sample size calculation in malaria non-inferiority treatment trials with outcome assessed by product-limit estimates of failure**
Vaillant M., Olliaro P. (Luxembourg, Switzerland & UK)
- 3P5** **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)



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Usefulness of PET-CT for the diagnosis of tuberculosis

Sánchez-Montalvá A., Salvador F., Saborit N., Barrios M., Tórtola T., Villar A., Molina I. (Spain)

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

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

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

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

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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)

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Safety of RVSF ebola vaccine, after 6 months follow-up, in adults: A phase 1 trial conducted in Lambaréné, Gabon

Fernandes J.F., Bache E.B., Obiang R.M., Kabwende L., Mordmüller B., Krishna S., Kremsner P.G., Grobusch M.P., Agnandji S.T. (Gabon, Germany, The Netherlands & UK)

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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)

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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)

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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

Schwarz N.G., Mertens E., Winter D., Maiga-Ascofaré O., Dekker D., Jansen S., Tappe D., Randriamampionona N., May J., Rakotozandrindrainy R., Schmidt-Chanasit J. (Germany, Ghana & Madagascar)

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rHAT Sero-Strip, a new rapid diagnostic test for *gambiense* sleeping sickness using recombinant antigens

Büscher P., Mertens P., Gillemann Q., Rooney B., Rogé S. (Belgium & UK)

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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)

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Cost-effectiveness analysis of new diagnostic tools for cutaneous leishmaniasis in Afghanistan.

Aerts C., Vink M., Picado A., Pashtoon S.J., Nahzat S., Cruz I., Sicuri E. (Spain, The Netherlands, Switzerland & Afghanistan)

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Accuracy of a rapid test for the diagnosis of cutaneous leishmaniasis in patients with suggestive skin lesions in Morocco

Bennis I., Verdonck K., Riyad M., el Khalfaoui N., Fellah H., Sahibi H., Van der Auwera G., Dujardin J.C., Boelaert M. (Morocco & Belgium)

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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)

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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)

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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, Saye R., Becker S.L., Landouré A., Polman K., Chappuis F., Boelaert M., Traoré M.S., Utzinger J., Sacko M. (Mali, Switzerland, Germany & Belgium)

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Formulation and evaluation of quinine hydrochloride loaded ethosomes

Agbo C.P., Nwabueze H.U., Offor E.N., Attama A.A. (Nigeria)

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Antibiotic Stewardship Programs in Hospitals in Low-and Middle Income Countries: Current Status, Priorities and Barriers

Cox J.A., Jacobs J., Vlieghe E. (Belgium)

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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)

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Clinical mentoring via mobile teams - a new approach to visceral leishmaniasis care in resource-constrained settings in Africa

den Boer, M. Herrero M., Lado M., Atiaby A., Ochol D., Adera C., Alvar J., Mekonen B., Ritmeijer K. (UK, Switzerland, South Sudan, Sudan, Ethiopia & The Netherlands)

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Chronic multi-morbidity among bangladeshi adult population

Khan N., Rahman M., Afsana K. (Bangladesh)

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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 H.M. (Germany & Malawi)

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Epidemiology and Clinical Presentation of MERSCoV in Saudi Arabia: A Systematic Review

Alqahtani S.H., Aldawsari M.N. (Saudi Arabia)

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Correlation between cytokine profile and left ventricular function in chronic chagasic patients

Sousa R.C., Bernardo D., Silva M.V., Costa T.A., Rodrigues V., Correia D. (Brazil)



- 3P29** **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)
- 3P30** **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)
- 3P31** **Onchocerciasis associated epilepsy and blackflies in the Democratic Republic of the Congo (DRC)**
Komba Michel, Laudisoit A., Tepage F., Mandro M., Levick B., Suykerbuyk P., Drazo Nicaise A., Tagoto A., Falay D., Colebunders R. (Democratic Republic of Congo, Belgium & UK)
- 3P32** **Vitamin D related placental gene expression in women living in helminth endemic Gabon**
Harder J., Esen M., Adegnika A.A., Yazdanbakhsh M., Prazeres da Costa C. (Germany)
- 3P33** **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**
Bottieau 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)
- 3P34** **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., Bottieau E. (Belgium)
- 3P35** **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)
- 3P36** **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)
- 3P37** **Antibiotic resistance: The need for interdisciplinary education tailored to low-resource settings**
Stassijns J., Vlieghe E., Caluwaerts A., Zolfo M., Jacobs J. (Belgium)
- 3P38** **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)
- 3P39** **The risk and predictors of visceral leishmaniasis relapse in HIV Co-infected patients in Ethiopia: A retrospective cohort study**
Abongomera C., Diro E., Vogt F., Tsoumanis A., Mekonnen Z., Admassu H., Colebunders R., Mohammed R., Ritmeijer K., van Griensven J. (Ethiopia, Belgium & The Netherlands)

- 3P40** **Prevalence and risk factors of high blood pressure in HIV-infected patients at Parakou (Benin)**
Ahanhanzo Glele R., Amidou S., Codjo L., Dovonou A., Attinsounon C., Houehanou C., Azogan F., Tchegble C., Houinato D. (Benin)
- 3P41** **Clinical observations implicate a gradual dormancy concept in malaria**
Richter J., Franken G., Holtfreter M.C., Walter S., Labisch A., Mehlhorn H. (Germany)
- 3P42** **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)
- 3P43** **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)
- 3P44** **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)
- 3P45** **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)
- 3P46** **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)
- 3P47** **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)
- 3P48** **Pathogenic fungal species associated with digestive system of *Periplaneta americana* L. (Blattaria: Blattellidae) trapped from residential dwellings in Ahvaz city, Southwestern Iran**
Kassiri H., Zarrin M., Veys- Behbahani R. (Iran)
- 3P49** **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**
Cavalcanti M.G., Scarlatelli Pimenta E., Roimicher L., Santana L.S., Gonçalves J.L.S., Cabral-Castro M.J., Peralta J.M. (Brazil)
- 3P50** **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)
- 3P51** **Autochthonous cases of Strongyloidiasis in the Czech Republic**
Stejskal F., Polívková S., Pytlík R., Slížek M., Richterová L. (Czech Republic)
- 3P52** **Factors associated with indeterminate cause of death in rural Southern Mozambique**
Augusto O., Saco C., Nhacolo A., Jamisse E., Filimone P., Hunguana A., Matsena T., Vilanculo F., Sevene E., Bassat Q. (Mozambique & Spain)



- 3P53** **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)
- 3P54** **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)
- 3P55** **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)
- 3P56** **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)
- 3P57** **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)
- 3P58** **Clinical patterns of tetanus and HIV co-infection in a referral hospital in Ethiopia: A case series**
Lomencho A., Fantaye H., Azazh A. (Ethiopia)
- 3P59** **Clinical management and outcomes of alveolar echinococcosis in a tertiary care centre in Prague**
Stejskal F., Trojanek M., Kolarova L. (Czech Republic)
- 3P60** **Zika Virus Infection on human umbilical vein endothelial cells induces cell death and activation of secondary hemostasis**
Anfasa F., Widagdo W., Goeijenbier M., Siegers J.Y., Mumtaz N., Okba N., Stalin Raj Victor, van Riel D., Koopmans M.P.G., Meijers J.C.M., Martina B.E.E. (The Netherlands & Indonesia)
- 3P61** **Epidemiology of human Histoplasmosis in Germany: 2000-2016**
Wilmes D., Losert H., Antweiler E., Tintelnot K., Rickerts V. (Germany)
- 3P62** **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, Cambodia**
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- 3P63** **Infectious aetiology of persistent digestive disorders (≥2 weeks) in Niono, Mali, and implications for treatment**
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- 3P64** **Digestive disorders in Mali: Assessment of a neglected public health issue**
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- 3P65** **Multicenter surveillance of bloodstream infections in Kisangani, Oriental Province, Democratic Republic of the Congo: Quality indicators from blood cultures**
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- 3P71** **Rethinking the approach of medicine stability testing**
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- 3P73** **Pre-travel guidelines needed for travelers with an Immunocompromised status or chronic disease**
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- 3P74** **Lobomycosis in an Italian traveler acquired during 5 days-honeymoon in the Amazon region of Venezuela**
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- 3P75** **Cardiovascular disease risk prediction in sub-Saharan African migrant and home populations – Comparative analysis of risk algorithms in the Rodam study**
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- 3P76** **An unusual case of leprosy from Germany – Just an exception of the rule?**
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- 3P77** **The challenge of persistent parasitic and viral infections among prisoners from sub-Saharan Africa and Latin America: A cross-sectional study in Geneva, Switzerland**
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- 3P78** **“He doesn’t seem to understand it as an illness”: Mental health interventions for migrant victims of torture and other forms of ill treatment**
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- 3P79** **Epidemiological, microbiological and clinical data of traveller pregnant women returning from vector-borne endemic areas for Zika virus**
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- 3P80** **Human filariasis: Transversal study on imported cases at an International Health Reference Unit in Barcelona**
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- 3P81** **Delayed *Plasmodium falciparum* malaria in three migrants**
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- 3P82** **Colonisation of German soldiers returning from deployment with enterobacteriaceae with resistance against 3rd generation cephalosporins**
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- 3P83** **Trip (Travel Remote Information Platform), a platform for monitoring traveler's health**
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- 3P84** **Epidemiological and clinical characteristics of imported chagas disease in a hospital in Madrid**
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- 3P85** **Risk factors of imported malaria in a non-endemic country**
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- 3P86** **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)
- 3P87** **Impact of antimalarial chemoprophylaxis on clinical presentation of imported malaria in children: A retrospective study in a Parisian university hospital**
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- 3P88** **Artemisin-based combination therapy for the treatment of non-severe imported malaria in children: A retrospective study in a Parisian university hospital**
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- 3P89** **Severe cases of imported plasmodium ovale malaria in a french university hospital center: A 2015-2017 retrospective cohort study**
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- 3P90** **Zika virus infection – The experience of a reference laboratory for its surveillance in Catalonia**
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- 3P91** **First results of an HIV counselling and testing project in the irregular migrant population of Doctors of the World, Antwerp**
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- 3P92** **Cystic echinococcosis in refugees from Syria and Iraq**
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- 3P93** **MYHEALTH: Models to engage migrants and refugees in their health, through community empowerment**
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- 8P1** **The public health and economic implications of infant male circumcision in rural Ghana; A community level population based study**
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- 8P2** **Caring practises of mothers with low birth weight infants in the neonatal period; a retrospective qualitative study in the Hohoe municipality, Ghana**
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- 8P3** **An evaluation of continued cognitive and motor decline in Congolese Konzo children during four-year follow-up**
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- 8P4** **Community acquired pneumonia in Cuban children under five, 2009-2015**
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- 8P5** **Childhood tuberculosis in a rural hospital in southeast ethiopia: A seventeen-year retrospective study**
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- 8P6** **Severe malaria and risk factors associated to the lethality in children admitted in Jason Sendwe hospital, Democratic Republic of the Congo**
Mutombo A., Ndua J., Mukuku O., Tshibanda C., Mukomena E., Wembonyama S., Luboya O., Van Geertruyden J.-P., Lutumba P. (The Democratic Republic of the Congo & Belgium)
- 8P7** **Home-based management of presumptive malaria in children under 5 years old in an urban health area, Democratic Republic of the Congo**
Mutombo A., Tshibanda C., Kanteng G., Mukomena E., Wembonyama S., Luboya O., Lutumba P., Ntambue A. (The Democratic Republic of the Congo & Belgium)



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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)

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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)

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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)

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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)

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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)

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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. (Mauritanie & France)

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Associated factors to double burden of malnutrition stunting of child and overweight or obesity of mother in a secondary city of Benin

Saizonou J., Sossa-Jérôme C., Dembélé B., Mongbo V., Ouendo E.-M. (Benin)

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Does the deployment of HIV diagnostic assistants in Malawi improve early infant HIV Diagnosis and enrollment to care?

Beyene T., Zolfo M., Mhango J., Simon K., Kizito W., Chu S., Peno W., Kumwenda J., Amberbir A., Ahmed S., Kim M., Kazembe P.N. (Malawi, USA, Kenya & Belgium)

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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)

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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)

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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)

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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., Kamanga F. (Malawi)

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Mental health among private high school students in Hanoi, Vietnam

Linh T.D. (Vietnam)

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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)

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Geographical variations in nutritional status of children in India: A fresh evidence based on NFHS 2015-16

Kumar A. (India)

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Emergence of dancing and singing in infants and toddlers

Richter J., El-Scheich T., Akpata R., Ostovar R. (Germany & Benin)

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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)

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Determinants of stunting and severe stunting among Burundian children aged 6-23 months: Evidence from a national cross-sectional household survey, 2014

Nkurunziza S., Meessen B., Van geertruyden J.-P., Korachais K. (Belgium & Burundi)

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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)

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Gastro-intestinal parasitic infection amongst primary school children in Ogiobo and Eresoyen primary schools in Benin city, Edo state, Nigeria

Eziefule C.M., Okaka C.E. (Ghana & Nigeria)

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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)

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Stunting in extreme nutritional vulnerability: Eastern of Democratic Republic of Congo crisis case

Bisimwa B., Nkemba B., Cobohwa N., Bashonja M., Mirindi P., Bwija J., Bwenge M., Donnen P. (Democratic Republic of Congo & Belgium)

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Pediatric tuberculosis in a hospital in Lima Peru, 2005-2015

Otero L., Hernández H., Sedamano J., Bayer A., Lovatón N., Gotuzzo E. (Peru)

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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)

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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)



8P33 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)

8P34 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)

8P35 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)

2P1 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)

2P2 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)

2P3 The tsetse fly (*Glossina*) challenge at wildlife/people/livestock interface of Akagera National Park, Rwanda

Gashururu S.R., Musafiri E., Munyampuhwe S., Tukei E.M. (Rwanda)

2P4 Important foodborne bacteria and their antimicrobial resistances in Ecuadorian poultry

Vinueza C., De Zutter L. (Ecuador & Belgium)

2P5 Gastro-intestinal parasites infections in mountain gorillas (*Gorilla beringei beringei*) of Rwanda Volcanoes National Park: One Health Implications

Gashururu S.R., Umurerwa A.G., Tukei E.M. (Rwanda)

2P6 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)

2P7 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)

2P8 Experience of a Peruvian University using the “One Health (UnaSalud)” concept

Ormea V.C., Mejía F.A., Gotuzzo E. (Peru)

2P9 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)

2P10 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)

2P11 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)

2P12 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)

2P13 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)



2P14 Seroprevalence of toxoplasmosis in pregnant and infants in Lubumbashi, Democratic Republic of Congo

Ilunga M.T., Kashala J.A.B., Toto K.A., Luboya Wa L.I.R., Ilunga E.K., Kabimba Y.M., Ngona I.A., Ntambue M.A. (DRC)

2P15 Rabies outbreak in village livestock and lack of post exposure vaccine seeking behavior in South Oromia Pastoralist, Ethiopia

Gumi B., Girma S., Mohamed H., Deresa A. (Ethiopia)

2P16 Evaluating milk handling processes in smallholder dairy farms in Rombo district, Tanzania

Hyera E., Minja M.G., Marwa L.J., Mng'anya P. (Tanzania)

2P17 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)

2P18 Epidemiology of human brucellosis in Durood city, lorestan province, Iran

Nazari N., Bohlooli N. (Iran)

2P19 *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)

2P20 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)

2P21 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)

2P22 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)

2P23 Seroprevalence of toxoplasmosis among premarital women in Banguntapan, Bantul, Indonesia

Agustiningtyas I., Fitriati Y., Mulyaningrum U. (Indonesia)

2P24 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., Chowdhury E.H. (Bangladesh)

2P25 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)

2P26 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., de Silva N.R. (Sri Lanka)

2P27 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., de Silva N.R. (Sri Lanka)

2P28 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)

2P29 Trans placental transmission of visceral leishmaniasis - Looking for the evidence - A case series

Basher A., Nath P.N. (Bangladesh)

2P30 Extensive serological survey in multiple African monkey species reveals complex reactivity patterns to four ebola virus species

Ahuka-Mundeke S., Ayoub A., Butel C., Mbala P., Ndimbo S.P., Delaporte E., Muyembe J.J., Mpoudi-Ngole E., Peeters M. (DR Congo & France)

2P31 Anopheles mosquitoes and transmission of malaria in the mountainous region of Rutshuru, in eastern Democratic Republic of Congo

Manzambi E., Ilombe G., Mampangulu T., Madinga J., Likwela J., Lutumba P., Van Geertruyden J.P., Seth I., Muyembe J.J., Wat'senga T.F. (RDC & USA)

2P32 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)

2P33 The mosquito borne west Nile virus infection: Is it threatening to Egypt or a neglected endemic disease?

El-Bahnasawy M.M., Morsy T.A. (Egypt)

2P34 New methods to identify *Leishmania* super-spreaders in modeling targeted control

Lison A., Reed S., Courtenay O. (UK & USA)

2P35 Examination of influencing factors and high-risk regions of dengue in Nicaragua, using spatiotemporal compartmental simulations

Theodorakos K., Broeckhove J., Willem L. (Belgium)

2P36 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)

2P37 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)



- 2P38** **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., Fenner, L., Reither K. (Tanzania, Switzerland & South Africa)
- 2P39** **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)
- 2P40** **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)
- 2P41** **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)
- 2P42** **Bio ecological characteristic of malaria vectors in southeast part of Iran**
Edalat H., Khairandish S., Mahmoudi M. (Iran)
- 2P43** **Biodiversity and medically important ticks in northeast of Iran**
Telmadarraiy Z., Arzamani K., Saghafipour A., Faghihi F., Arzamani N., Rahimeh A. (Iran)
- 2P44** **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)
- 2P45** **Biting behavior of malaria vector species in the Democratic Republic of Congo**
Wat'senga T.F., Manzambi E., Lunkula A., Mulumbu R., Mampangulu T., Jacob D., Hernandez F., Muyembe J.J., Likwela J., Oxborough R., Irish S. (Democratic Republic of Congo & USA)
- 2P46** **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)
- 2P47** **High prevalence of bed bug infestation in Ethiopian residential institutions; Its psychological, social and health impact: A cross-sectional study**
Mekonnen D., Derbie A., Mulu W., Mekonnen Z., Abera B., Biadlegne F., Mihret A., Sack U. (Ethiopia & Germany)
- 2P48** **Entomological studies to improve Chagas disease vector control in the Gran Chaco region**
Goncalves R., Bern C., Courtenay O. (UK & USA)
- 2P49** **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 J.J., Masiangi P., Van Greertruyden J.P., Wondji C. (République Démocratique de Congo, Kenya, Belgium & UK)

- 2P50** **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)
- 2P51** **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)
- 2P52** **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)
- 2P53** **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)
- 2P54** **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)
- 2P55** **Manipulation of sandfly distribution within the peridomestic environment, and implications for the control of vector-borne disease**
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- 2P56** **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)
- 2P57** **Don't overlook the snail: The role of the intermediate snail host in the dynamic epidemiology of schistosomiasis in Northern Senegal**
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- 4P1** **Economic and disease and burden of dengue from the perspective of the patients and their families**
Baly A., Abadi A., Cabrera P., Van der Stuyft P. (Cuba & Belgium)
- 4P2** **Yellow fever in Brazil: Report of 2 cases**
Figueiredo L.T.M. (Brazil)
- 4P3** **Micro costing of an *Aedes aegypti* control programme**
Baly Gil A., Fonseca V., Figarola R., Cabrera P., Van der Stuyft P. (Cuba & Belgium)
- 4P4** **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)



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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., Van der Stuyft P. (Cuba & Belgium)

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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)

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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)

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Clinical and biological characteristics of Yellow Fever suspect patients in Nsona-Mpangu Hospital, Nsona-Mpangu Health Zone, DRCongo

Bulabula P.J., Bepuka I.B., Mbuyi M.G., Nkuba N.A., Muyembe T.J.J., Ahuka-Mundeke S. (DRC)

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Tuberculosis treatment outcomes among TB/HIV co-infected cases treated under directly observed treatment of short course in Nekemte, Western Ethiopia

Ejeta E., Birhanu T., Wolde T. (Ethiopia)

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Prevalence of pulmonary tuberculosis among prison inmates: Across-sectional survey at the Correctional and Detention Facility of Abidjan, Côte d'Ivoire

Receveur M.C., Séri B., Koffi A., Ouassa T., Assemien J., Laurent A., Malvy D., Domoua S.K., Anglaret X. (France & Côte d'Ivoire)

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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)

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Mollel E.W., Chilongola J. (Tanzania)

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Current profile of new HIV infections among adults in northern Benin in 2016

Attinsounon C.A., Dvonou C.A., Alassani C.A., Agbodandé K.A., Kouanou-Azon A., Zannou D.M. (Benin)

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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)

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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)

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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)

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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)

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Multidrug resistant tuberculosis in Ethiopian settings and its association with previous history of anti-tuberculosis treatment: A systematic review and meta-analysis

Eshetie S., Gizachew M., Dagnaw M., Kumera G., Woldie H., Ambaw F., Tessema B., Moges F. (Ethiopia & Switzerland)

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The Effect of HAART on tuberculosis incidence among HIV infected patients in Bale Zone Hospitals

Bekele T., Esmael K.J., Kaso M. (Ethiopia)

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Ramos J.M., Comeche B., Pérez-Buitragueño M., Reyes F., Tesfamariam A., Pérez-Tanoira R., Prieto-Pérez L., Tefasmaria A., Górgolas M. (Ethiopia & Spain)

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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)

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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)

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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)

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Renal dysfunction in HIV-positive patients on tenofovir-based therapy: A case control study

Nayan N., Sashindran V.K. (India)

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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)

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Health resource management for TB in post-war Okinawa, Japan

Uechi M., Ogawa S. (Japan)

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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)



4P28 Performance of community tracing system of people affected by Tuberculosis during ebola epidemic in Conakry, Guinea

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4P29 Biomedical and social support to vulnerable people affected by Tuberculosis in Guatemala: An effective governmental and non-governmental partnership implementation

Sánchez-Bustamante L., Bailón Z., Bongaerts T., Ortuño-Gutiérrez N. (Guatemala & Belgium)

4P30 Successful integrated biomedical and social support to vulnerable people affected by Tuberculosis in Nicaragua

Bravo Reyes M., Perez M., Bongaerts T., Ortuño-Gutiérrez N. (Belgium)

4P31 Attitude of health care workers towards people living with HIV/AIDS (health care workers perspective) in Calabar Metropolis, Cross River State, Nigeria

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4P32 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)

4P33 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)

4P34 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)

4P35 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)

4P36 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)

4P37 Protective effectiveness of seasonal malaria chemoprevention

Coldiron M.E., Assao B., Koscalova A., Quere M., Langendorf C., Grais R.F. (France, Nigeria & Switzerland)

4P38 Prevalence of parasitemia in an area receiving SMC

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4P39 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)

4P40 Risk factors for persisting malaria among the Jarai ethnic minority along the Vietnam-Cambodia border

Xuan Xa N., Thi Thuan N., Thanh Duong T., Truc Quynh N., D'Umberto A., Erhart A., Peeters Grietens K. (Vietnam, Belgium and Gambia)

4P41 Characteristics of malaria infection among the jarai ethnic minority in central Vietnam

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4P42 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., Dongus S. (Tanzania, South Africa, Malawi & Switzerland)

4P43 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)

4P44 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)

4P45 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)

4P46 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)

4P47 Risk factor assessment for malaria among forest-goers in a pre-elimination setting – Phu Yen province, Vietnam

Thuan V.H., Canavati S.E., Quintero C.E., Khanh L.T., Ohrt C., Ngo T.D., Tran D.T., Martin N.J. (Vietnam, Finland, Australia & Singapore)

4P48 Targeted-reactive case detection at sleeping sites to interrupt malaria transmission in Vietnam II: Reported and observed malaria prevention, treatment and risk behaviors

Thuan V.H., Canavati S.E., Khanh L.T., Ohrt C., Ngo T.D., Tran D.T., Martin N.J. (Vietnam, Finland, Australia & Singapore)

4P49 Net use and preference among those who slept in a forest or farm in the context of malaria multidrug resistance and elimination

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4P50 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)



- 4P51** **Malaria incidence in the area of seasonal malaria chemoprevention**
Koscalova A., Temessadouno F., Gignoux E., Azman A., Querre M., Ciglencecki I., Sterk E. (Switzerland & USA)
- 4P52** **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**
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- 4P53** **A malaria indicator survey in a malaria elimination area of Phu Yen Province, coastal Vietnam**
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- 4P54** **The Kwahu-South malaria situation: Towards tailor-made interventions**
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- 4P55** **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 F.M., Rapp C. (Egypt, Burundi & France)
- 4P56** **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., Udhayakumar V. (Tanzania, USA & Switzerland)
- 4P57** **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., Inocencio da Luz R., Tinto H., Lutumba P., Van geertruyden J.P. (Congo, Belgium, Uganda, Tanzania & Burkina Faso)
- 4P58** **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. (Mauritania & France)
- 4P59** **Defining the unit of intervention for targeted treatment of asymptomatic malaria carriers: A transdisciplinarity approach**
Jaiteh F., Masunaga Y., Ribera J.M., Okebe J., D'Alessandro U., Balen J., Peeters Grietens K. (Gambia, Belgium, Switzerland & UK)
- 4P60** **Feasibility of intermittent preventive treatment in infants: Experience of the Democratic Republic of Congo**
Matangila J.R., Likwela J., Tsasa E., Gasigwa D. (DRC)
- 4P61** **Role of community participation in malaria elimination interventions in south of Iran**
Shahandeh K.H., Basseri H.R. (Iran)

- 4P62** **Factors limiting the effectiveness of standardized malaria control strategies in forested highlands of Vietnam: A qualitative study**
Nguyen T.T., Nguyen X.X., Tran D.T., Vu Dung K.A., Pham Ky.V., Erhart A., Peeters Grietens K. (Vietnam, Belgium & Gambia)
- 4P63** **Efficacy and user acceptability of transfluthrin-treated sisal and hessian decorations for protecting against mosquito bites in outdoor bars**
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- 4P64** **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 J.P., Gamboa D. (Belgium & Peru)
- 4P65** **Characterization of the human malaria reservoir throughout the dry season in a forested area of central Vietnam: A pilot study**
Kattenberg J.H., Erhart A., Hieu T.M., Rovira-Vallbona E., Dung V.K.A., Ngoc N.T.H., Hong N.V., Van N.V., Tetteh K., Theisen M., Soares I., Bennet A., Lover A., Duong T.T., Xa N.X., Rosanas-Urgell A. (Belgium, Vietnam, UK, Denmark & USA)
- 4P66** **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)
- 4P67** **Increasing the time between incident malaria episodes in Ugandan children: Repeated application of IRS**
Zinszer, K. Morrison K., Rek J., Arinaitwe E., Nankabirwa J., Kanya M.R., Dorsey G. (Canada, Uganda & USA)
- 4P68** **Historical review of malaria control in Morocco: Disease and vectors**
Laboudi M., Sadak A., Ait Hamou S., Faraj C. (Morocco)
- 4P69** **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)
- 4P70** **Health beliefs of school-age rural children in podoconiosis affected families: A qualitative study in Southern Ethiopia**
Tora A., Tadele G., Aseffa A., McBride C.M., Davey G. (Ethiopia, USA & UK)
- 4P71** **Population-wide administration of single dose rifampicin for leprosy prevention in isolated communities: A feasibility study in Indonesia**
Tiware A., Dandel S., Mieras L., Richardus J.H. (The Netherlands & Indonesia)
- 4P72** **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)
- 4P73** **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)



- 4P74** **Visceral leishmaniasis cases in the non-endemic districts: Challenges to ongoing elimination programme in Nepal**
Uranw S., Bhattarai N.R., Ostyn B., Acharya B., Yogi K., Karki P., Boelaert M., Das M.L. (Nepal & Belgium)
- 4P75** **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)
- 4P76** **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)
- 4P77** **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)
- 4P78** **Mobile technology improves management of a gambiense human African trypanosomiasis (gHAT) elimination programme in Uganda**
Wamboga C., Picado A., Matovu E., Biéler S., Bessell P.R., Ndung'u J.M. (Uganda, Switzerland & UK)
- 4P79** **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)
- 4P80** **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)
- 4P81** **The Human African Trypanosomiasis (HAT) Platform**
Mbo F., Valverde O. (DRC & Switzerland)
- 4P82** **Kala-Azar outbreak management in Bangladesh: A new initiative in the Kala-Azar elimination program**
Huda M.M., Hossain A.F.M.A., Aggarwal V., Shomik M.S., Hossain Md.S., Ghosh D., Shamsuzzaman A.K.M., Tahmina S., Mondal D. (Bangladesh & India)
- 4P83** **Tracking the progress: Visceral leishmaniasis elimination in Nepal**
Cloots K., Uranw S., Rijal S., Boelaert M. (Belgium & Nepal)
- 4P84** **Visceral leishmaniasis in the indigenous community in Bangladesh: A wake up call**
Huda M.M., Chowdhury R., Mondal D. (Bangladesh)
- 4P85** **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)

- 4P86** **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)
- 4P87** **Epidemiology and burden of cutaneous leishmaniasis in sub-Saharan Africa: Evidence from a systematic review**
Sunyoto T., Verdonck K., el Safi S., Potet J., Picado A., Boelaert M. (Belgium, Switzerland & Spain)
- 4P88** **The potential impact of visceral leishmaniasis vaccines: explorations with different deterministic age-structured transmission models**
le Rutte E.A., Coffeng L.E., de Vlas S.J. (The Netherlands)
- 4P89** **Cutaneous leishmaniasis control in Morocco: Vertical analysis**
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6P9 HERACLES collaborative and translational project on cystic echinococcosis funded by the European Commission

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6P10 Extended ultrasound surveys for cystic echinococcosis in Bulgaria, Romania and Turkey: Results from HERACLES project

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6P11 Building training and research capacities in Ebola affected countries: The case of the Belgian cooperation in Guinea

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7P1 Rates and causes of death in women of reproductive age (12-49 years) in 12 rural communities from Maputo and Gaza province, southern Mozambique

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7P2 The impact of urbanization and population density on childhood Plasmodium falciparum parasite prevalence rates in Africa

Kabaria C.W., Gilbert M., Noor A.M., Snow R.W., Linard C. (Kenya, Belgium & UK)



7P3 Urban health interventions and vector-borne and other infectious diseases of poverty: An international collaboration to analyse knowledge gaps

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7P5 Climate change and schistosomiasis: A global synthesis of research findings, knowledge gaps and new research directions

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Whyte E.B., Olivier, J. (South Africa)

7P7 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)

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8P61 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

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Galle A., Degomme O., Roelens K., Griffin S., Osman N. (Belgium & Mozambique)

8P63 Socio-cultural aspects of vaginal practices: A systematic and cross-cultural review of qualitative research

Dierickx S., Rahbari L., Longman C., Coene G. (Belgium)

8P64 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)

8P65 Maternal and perinatal outcomes of visceral leishmaniasis (kala-azar) treated with sodium stibogluconate in eastern Sudan

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8P66 Prevalence of latent tuberculosis (LTB) among pregnant women in high burden setting in Sudan using Interferon gamma (IFN- γ) releasing assay (IGRA)

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8P67 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)

8P68 Low birth weight or prematurity in teenage mothers from rural areas of Burkina Faso

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8P69 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)

8P70 Prevalence, associated factors and evolution of gestational diabetes mellitus in Ouagadougou

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8P71 Sociodemographic, clinical and service predictors of post-surgical reintegration score among Ugandan women treated for obstetric fistula

El Ayadi A., Nalubwama H., Barageine J., Obore S., Kakaire O., Mwanje H., Lester F., Korn A., Byamugisha J., Miller S. (USA & Uganda)

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Schneider F., Dillmann M. (Germany & Tanzania)

8P73 Frequency of malaria in pregnant women and rate of use of prenatal consulting services in Lubumbashi medical district 2011-2015 (D.R. Congo)

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8P74 Difficulties in implementing a HPV/cervical cancer screening programme in Kinshasa

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8P75 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)

8P76 Assessing sexual health of very young adolescents in SW Uganda

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8P77 Prevalence and distribution of hpv genotypes found in Kinshasa versus Flanders

Mutombo B.A., Tozin R., Benoy I., Bogers J., Vandenbroeck D., Ramokone L.L., Van Geertruyden J.P., Jacquemyn Y. (DR Congo, Belgium & South Africa)



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8P79 **Users' and providers' perspective on quality of maternal care: A qualitative study of public health facilities in Uttar Pradesh, India**
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8P82 **Maternal deaths surveillance system: A tool to guide action at regional level in Morocco?**
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8P85 **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)

8P86 **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)

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Lomencho A., Fantaye H., Azazh A. (Ethiopia)

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Dibiajuba V.C., Otubanjo O.A., Idowu T.E. (Nigeria)

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8P93 **A game-changing drug: Access to misoprostol and medical abortion in Dar Es Salaam, Tanzania**
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Johm P., Jaiteh F., Clarke E., Peeters Grietens K. (Gambia, Belgium & The Netherlands)

8P96 **Implementation of a community engagement program in the pathogenesis and treatment of nodding syndrome study in Uganda**
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8P97 **Logistics for field studies in resource-limited settings: Challenges and outcomes in DRC**
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8P98 **Implementation research on acceptability of physicians using a tele expertise network in Mongolia**
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8P101 **How rumours of 'placentas sellers' led to the decline of a malaria in pregnancy trial in Benin: An ethnographic study**
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8P102 **What is the major issue to tackle neonatal infections in low income countries - Evidence from a community-based cohort study in Madagascar**
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