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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
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>17:00</td>
<td><strong>Welcome Addresses</strong></td>
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<td></td>
<td>Government representatives</td>
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<td>Congress Chair and Organisers</td>
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<tr>
<td>17:30</td>
<td><strong>Plenary Keynote Talks</strong></td>
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<td><strong>Leadership and ownership in tropical health research</strong></td>
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<td>Prof. Rose Leke, Emeritus Professor of Immunology and Parasitology and Director of the Biotechnology Centre at the University of Yaoundé, Cameroon</td>
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<td><strong>The past, present and future of tropical diseases in Europe</strong></td>
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<td>Dr. Denis Coulombier, Head of Unit for Surveillance and Response Support, European Centre for Disease Prevention and Control, Stockholm, Sweden</td>
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<td>18:30</td>
<td><strong>Welcome Reception</strong></td>
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## Programme at a glance - Tuesday 17/10

<table>
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<tr>
<th>Time</th>
<th>Room 1</th>
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<td>08.30 - 10.00</td>
<td>Plenary Talks</td>
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<tr>
<td>10.30 - 12.00</td>
<td>3S1 Arboviruses</td>
<td>3S3 Malaria (clinical)</td>
<td>4S1 Elimination of HAT</td>
<td>5S1 Patients and Communities</td>
<td>5S2 Experiences in capacity building</td>
<td>1S1 Diagnostics 1 - Serology and hemo-culture</td>
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<tr>
<td>13.30 - 15.00</td>
<td>3S2 Ebola and other viruses</td>
<td>3OS2 New Clinical Developments of Antimalarials</td>
<td>4OS1 Phase II/III results for fexinidazole, the first oral treatment for human African trypanosomiasis (HAT)</td>
<td>5S2 Health Services into Health Service Organisations</td>
<td>6OS1 Building capacity for policy influence and health systems management</td>
<td>1S2 Diagnostics 2 - DNA-based assays</td>
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<tr>
<td>15.30 - 17.00</td>
<td>3OS1 Zika: epidemiology and clinical manifestations</td>
<td>8S1 Malaria in Pregnancy</td>
<td>4S2 Outbreak surveillance and response</td>
<td>5OS1 Patient Centered Care (PCC)</td>
<td>6OS6 Health cooperation beyond aid</td>
<td>3OS3 Raising standards and quality of Parasite diagnostics in non-endemic clinical settings using molecular and lateral flow technologies</td>
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<tr>
<td>17.00 - 18.30</td>
<td>10S1 Zika: Basic science and social implications</td>
<td>8S2 Malaria in Children</td>
<td>4S3 Spatial analysis approaches</td>
<td>5S3 Health Policies</td>
<td>4S4 Biosocial approaches in disease control</td>
<td>3OS4 New developments in the diagnosis of imported parasitic infections in Europe</td>
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## Programme at a glance - Tuesday 17/10

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<tr>
<th>Time</th>
<th>Room 7</th>
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<td>10.30 - 12.00</td>
<td>2S1 Surveillance arboviruses</td>
<td>8S3 Sexual and Reproductive Health Rights</td>
<td>9S1 Emerging voices</td>
<td>3OS6 Integrating mental health into local health systems</td>
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<td>13.30 - 15.00</td>
<td>2S2 Vectors and transmission of arboviruses</td>
<td>8S4 Sexual and Reproductive Health</td>
<td>9S2 Student initiatives – ways of creating an international environment Four alternative ways to improve internationalization at home</td>
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<td>15.30 - 17.00</td>
<td>2S3 Tremadodes</td>
<td>8OS1 Abortion and post abortion care: Politics, religion, public health, health care and legal systems</td>
<td>9S3 Training on Neglected Tropical Diseases</td>
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<td>17.00 - 18.30</td>
<td>2S4 Oncho &amp; Modelling</td>
<td>8S5 HIV</td>
<td>9S5 Nodding syndrome: Interdisciplinary findings and ways forward in prevention and treatment</td>
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<tr>
<td>08.30</td>
<td>Plenary Talks</td>
<td>New tools for vector control</td>
<td>Steven W. Lindsay, Durham University, UK</td>
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<td>Debate: Doing development differently: The future role of international cooperation</td>
<td>Christine Kirunga Tashoby, Makerere School of Public Health, Uganda</td>
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<td>Kevin McCarthy EuropeAid, DG DEVCO, European Commission</td>
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<td>Remco van de Pas, Institute of Tropical Medicine, Belgium</td>
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<tr>
<td>10.30</td>
<td>3S1 - Arboviruses</td>
<td>Comparison of laboratory and clinical Dengue virus strains reveals major differences in endothelial cell pathology</td>
<td>Vervaek P., Noppen S., Meyen E., Ariën K.K., Liekens S. (Belgium)</td>
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<td>Detection of Zika virus NS1 antigen in semen by a prototype rapid test</td>
<td>Cnops L., Nakayama E.E., Caron, E., Eggermont K., Van Esbroeck M., Bottieau E., Jacobs, J., Shioda T., Huits R. (Belgium &amp; Japan)</td>
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<tr>
<td>12.00</td>
<td>Lunch Break and Poster Tour</td>
<td>(12.30 - 13.30)</td>
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</tbody>
</table>
10.30 **3S3 - Malaria (clinical)**

*Vivax malaria morbidity after radical treatment: A 2-year cohort study in Central Vietnam*

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

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

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

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

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

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

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

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

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

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

Willis PA. (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 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 Infection Research (DZIF) Tübingen and Director of Institute of Tropical Medicine, University of Tübingen; Tübingen, Germany

**3OS2 - New Clinical Developments of Antimalarials**

Malaria in pregnancy preventive treatments may provide additional protection against febrile illnesses during the first year of life


**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., Valia I., Mens P.F., Gomes M., Tinto H., Kirakoya-samadouloungou F. (Burkina Faso, Belgium, The Netherlands & Switzerland)

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

Monday Tuesday Wednesday Thursday Friday Posters

17.00 **8S1 - Malaria in Pregnancy**


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


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


**Delivery strategies of malaria chemoprevention for post-discharge management of children with severe anaemia in Malawi**

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

**Impact of a malaria rapid diagnostic test detecting *Plasmodium falciparum*-specific histidine-rich protein-2 (RDT-PHRP2) on the management of febrile children under 5-years of age in a high seasonal malaria transmission area**

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

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

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

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

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

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

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

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

Diarra N.H., Roschnik N., Sacko M., Dicko Y., Verhoef H., Saye R., Lai S., Jones R., Boivin M., Clarke S.E. (Mali, UK, The Netherlands; UK and USA)
Investigation and prevention against Monkeypox in Mefou Primate Sanctuary, Cameroon, 2016

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

The association of cholera outbreak with conflict-related factors in Yemen
Dureab F., Shabib K., Jahn Albrecht (Germany)

4S3 – Spatial analysis approaches in support of disease control
Considering the spatial heterogeneity of dengue transmission for designing an Aedes control strategy
Vanlerberghe V., Toledo M.E., Ocampo C., Manrique-Saide P., Honorio N., Vazquez-Prokopec G., Mirabal M., Alexander N., Frutuoso R.L., Van der Stuyft P. (Belgium, Cuba, Colombia, Mexico, Brazil & USA)

A spatial decision support system approach to implementing malaria surveillance as a core intervention activity in high priority Vietnam
Sara E. Canavati, Vo Huu Thuan, Thinh Ngo Duc, Duong Thanh Tran, Thang Duc Ngo, Gerard Kelly, Nicholas J Martin (Vietnam, Australia, Finland & Singapore)
10.30  **5S1 - Patients and Communities**

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

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

12.00  Lunch Break and Poster Tour (12.30 - 13.30)

13.30  **5S2 - Health Services into Health Service Organisations**

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

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

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

15.00  Coffee Break

15.30  **5OS1 - Patient Centered Care (PCC)**

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

17.00  **5S3 - Health Policies**

Supporting community health worker programs at scale: Lessons from policy reforms shaping the evolution of India's ASHA program  

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

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

State to the test of trust: Implementation of a public fee exemption policy in non-state facilities in Benin  
Dossou J.P., Marchal B. (Benin & Belgium)
10.30 5OS2 - Experiences in Capacity Building in Public Health Institutes in Low-Income Countries, putting local public health institutes in the lead of research for policy development

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

12.00 Lunch Break & Poster Tour (12.30 - 13.30)

13.30 6OS1 - Building capacity for policy influence and health systems management: Experiences from two European Union funded programmes in Democratic Republic of Congo and in Uganda

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

15.00 Coffee Break

15.30 6OS6 - Health cooperation beyond aid

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

17.00 4S4 – Biosocial approaches in disease control

Micro-epidemiology of malaria exposure in Central Vietnam: A mixed-methods case study
Melanie Bannister-Tyrrell, Nguyen Xuan Xa, Nguyen Van Van, Vu Khac Anh Dung, Truong Minh Hieu, Nguyen Van Hong, Johanna Helena Kattenberg, Eduard Rovira-Vallbona, Tran Thanh Duong, Anna Rosanas Urgell, Koen Peeters Grietens, Annette Erhart (Belgium, Vietnam & Gambia)

An inductive analysis of acceptability studies targeting arbovirus diseases and malaria interventions. Contributing to building frameworks and methodological approaches 
Lefèvre P., Pérez D., Van der Stuyft P., Degroote S., Marchal B., Ridde V. (Belgium, Cuba & Canada)

Why would antiretroviral treatment adherence clubs work in the Western Cape Province, South Africa?
Mukumbang F.C., Van Belle S., Marchal B., Van Wyk B. (South Africa & Belgium)

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

Including refugees in disease elimination: Challenges observed from a sleeping sickness programme in Uganda
Palmer J.J., Robert O., Kansiime F. (UK & Uganda)
10.30  **1S1 - Diagnostics 1 - Serology and Hemo-Culture**

Re-defining blood culture for resource-limited settings: Developing draft target product profiles for simplified diagnostics
Dailey P., Osborn J., Martino R., Isaacs C., Dittrich S. (Switzerland & USA)

Prospective evaluation of a rapid diagnostic test for gambiense human African trypanosomiasis developed using recombinant antigens in the Democratic Republic of the Congo
Lumbala C., Bieler S., Kayembe S., Makabuza J., Ongarello S., Ndung’u J.M. (Democratic Republic of Congo & Switzerland)

Finding Mimo: Developing an alternative rapid test for the serodiagnosis of visceral leishmaniasis in Eastern African populations
Kühne V., Duro E., El-Safi S., Büscher P. (Belgium, Ethiopia & Sudan)

Visceral leishmaniasis: a combined wet-lab and in silico approach to the discovery of biomarkers of disease progression and post-chemotherapy relapse
Bremer Hinckel B.C., Martais T., Aira S., Imamura H., Dujardin J.C., Falconar A.K., Bhattacharyya T., Andersson B., Mertens P., Miles M.A. (Belgium, UK, Colombia & Sweden)

12.00  Lunch Break and Poster Tour (12.30 - 13.30)

13.30  **1S2 - Diagnostics 2 - DNA-Based Assays**

Combination of random isothermal amplification and nanopore sequencing for rapid identification of the causative agent of an outbreak
Hansen S., Faye O., Faye M., Sanabani S.S., Pessôa R., Faye O., Böhlen-Fascher S., Sall A.A., Weidmann M., Czerny C.P., Abd El Wahed A. (Germany, Senegal, Brazil & UK)

Loop-mediated isothermal amplification for asymptomatic malaria diagnosis in the peruvian amazon: Technical performance and pilot implementation in challenging field settings
Serra-Casas E., Manrique P., Ding X.C., Carrasco G., Alava F., Gave A., Contreras J.J., Rosas-Aguirre A., González I.J., Gamboa D., Rosanas-Urgell A. (Belgium, Peru & Switzerland)

Dry reagent-based loop-mediated isothermal amplification for confirmation of buruli ulcer using a portable fluorimeter
Beissner M., de Souza D.K., Maman I., Saar M., Zwirglmaier K., Wiedemann F., Bretzel G., Ndung’u J.M., Cruz I., Ablordey A. (Germany, Ghana, Togo & Switzerland)

Role of next generation sequencing in tuberculosis diagnostics: Resolving the clinical dilemma of discrepancies in laboratory findings
Van der Spoel van Dijk A., Hallbauer U.M., Mahonono C., Nyaga M., Baba K. (South Africa)

15.00  Coffee Break

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

Organisers:
Prof Peter L Chiodini and Dr Jaya Shrivastava
Institution: UKNEQAS Parasitology
Organisations: University College London Hospitals and Public Health England

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

Organisers:
Lisette van Lieshout (MSc, PhD)
Dept. of Parasitology, Leiden University Medical Center (LUMC), RC Leiden, The Netherlands
Marjan van Esbroeck (MD)
Institute of Tropical Medicine (ITM), Antwerp, Belgium
10.30  **2S1 - Surveillance arboviruses**

**Enso and warmer temperatures are related with major outbreaks of Dengue in Venezuela**

**West Nile surveillance and response in Italy: A one health approach**
Parodi P., Rizzo C., Albonico M., Calzolari M., Chiar I., Capelli G., Casalone C., Angelini P., Monaco F., Maraglino F. (Italy)

**Effects of land use on the ecology of arbovirus-aedes mosquitoes in oil palm plantation areas in Southeastern Côte d'Ivoire**
Zahouli, K.B., Koudou, B.G., Müller, P., Malone, D., Tano, Y., Utzinger J. (Switzerland, Côte d'Ivoire & UK)

**Surveillance of mosquito-borne viruses with honey-baited FTA cards in an area of low virus prevalence**
Wlip N., Guidi V., Guedes, D.R.D., Barbosa, R.M.R., Tonolla M., Engler O., Müller P. (Switzerland & Brazil)

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

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

13.30  **2S2 - Vectors and transmission of arboviruses**

**Antiviral drug-resistant Chikungunya viruses can be transmitted by their mosquito vectors**
Delang L., Yen P., Vazelle M., Neyts J., Fai loulou A. (Belgium & France)

**HarmVect: A simulation based tool for pathway risk maps of invasive arthropods in Belgium - Case study: Aedes albopictus**
Jansen F., Berkvens N., Deblauwe I., Van Loo T., Casteels H. - Witters J., Van Damme V., Berkvens D. (Belgium)

**Urbanisation drives the ecology of immature aedes mosquitoes in arbovirus-foci in South-Eastern Côte d'Ivoire**
Zahouli B.Z.J., Koudou, G.B., Müller, P., Malone, D., Tano, Y., Utzinger J. (Switzerland, Côte d'Ivoire & UK)

**Invasive mosquito species surveillance in Venezuela: Towards a structural plan**
Deblauwe I., Demeulmeester J., Sohier C., Van Loo T., De Witte J., Madder M., Coosemans M. (Belgium, South Africa & The Netherlands)

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

15.00  **2S3 – Trematodes**

**Opisthorchis viverrini and a novel sister species in ducks share the same intermediate snail and fish hosts in Central Vietnam**
Doo T., Nguyen T., Dermauw V., Gabriel S., Dorny P. (Vietnam & Belgium)

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

**Dynamics of S. haematobium and S. mansoni infection and morbidity: An eight-year follow-up study in a rural community in the north of Senegal**
Meurs L., Mbow M., Vereecken K., Van den Broeck F., Mpabanzi L., Boon N., Huyse T., Polman K. (Belgium & Senegal)

**Incorporating the ecology of intermediate hosts of schistosomiasis into spatially explicit models of disease transmission in seasonal climates**
Perez-Saez J., Mande T., Ceperley N., Bertuzzo E., Mari L., Gatto M., Rinaldo A. (Switzerland & Italy)

**Transmission and hybridisation dynamics of Schistosoma haematobium in the Senegal River Basin: No barrier breakdown between human and cattle schistosomiasis?**
Boon, N., Mbow, M., Paredis, L., Maes, T., Moris, P., Mboup, S., Volckaert, F., Boissier, J., Polman, K., Huyse T. (Belgium, Senegal & France)

17.00  **2S4 - Oncho & Modelling**

**An update of blackfly (Diptera: Simuliidae) vectors and Onchocerca volvulus transmission in Mahenge, south eastern Tanzania**
Kalinga A., Krüger A., Pfarr K., De Witte J., Post R.J., Colebunders B., Dujardin J.C., O’Neill S., Hendy A. (Belgium, Germany, UK & Tanzania)

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

**Mathematical modelling of transmission dynamics of Opisthorchis viverrini**
Bürl C., Harbrecht H., Odermann P., Sayasone S., Chitnis N. (Switzerland & Lao PDR)

**Estimating age-time dependent malaria force of infection accounting for unobserved heterogeneity**
Hens, N., Mugenyi, L., Abrams, S. (Belgium & Uganda)

**Mathematical modelling of dog rabies transmission in N’Djamena, Chad**
Laager M., Mbilo C., Léchenne M., Zinastaj F., Chitnis N. (Switzerland)
10.30 **8S3 - Sexual and Reproductive Health Rights**

Critical reflections on srhr policies and law  
Bosmans M., Gyselinck K., Van Bastelaere S., Bossyns P. (Belgium)

Evaluating DANIDA's global SRHR policy: Tracing accountability pathways at the global policy level  
Mayhew, S., Van Belle, S. (Belgium)

Processes behind promoting awareness of rights for quality maternal care services: A synthesis of stakeholder experiences and implementation factors  
George A. (South Africa)

Body & rights – E-learning on sexual and reproductive health and rights for stakeholders of development cooperation  
Van Braeckel Dirk, Blondeel Karel, the working group on sexual and reproductive health and rights of Because health, the Belgian platform on International Health (Belgium)

Academic network for sexual and reproductive health and rights policy (ANSER)  
Degomme O., Michielsen K., Van Braeckel D. (Belgium)

Adressing unsafe abortion in Benin: Why is the current policy inappropriate?  
Dossou J.P., Kanhonou L., Bello K. Goufofoji S. (Benin & Belgium)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **8S4 - Sexual and Reproductive Health**

Sexual practices among men who have sex with men in Kinshasa, DRC  

Socioeconomic counters of intimate partner violence and impact on reproductive health services in India  
Gogoi M., Kumar A. (India)

Post circumcision beliefs influencing sexual behaviour among men in Wakiso district, Uganda  
Simon P.S., Kibira, Lynn M. Atuyambe, Ingvild F. Sandey, Fredrick E. Makumbi, Marguerite Daniel (Norway & Uganda)

"Never trust an open door" - Controversies of sexual pleasure, pain and Female Genital Mutilation among African migrants in Belgium, the Netherlands and the UK  
Zewolde S., Florquin S., Bos M., Dubourg D., Richard F., O’Neill S. (UK, Belgium & The Netherlands)

15.00 Coffee Break

15.30 **8OS1 - Abortion and post abortion care: Politics, religion, public health, health care and legal systems**

Organisers:  
Maria Lisa Odland, Norwegian University of Science and Technology, Trondheim, Norway  
Johanne Sundby, University of Oslo, Oslo, Norway

17.00 **8S5 – HIV**

Same day ART initiation versus clinic-based pre-ART assessment and counselling for individuals newly tested HIV-positive during community-based HIV testing in rural Lesotho – A randomized controlled trial (CASCADE trial): Preliminary results  
Labhardt N.D., Ringera I., Lejone T.I., Klimkait T., Muhairwe J., Cerutti B., Glass T.R. (Switzerland & Lesotho)

Prevention of mother-to-child transmission of HIV: Postpartum adherence to option B+ until 18 months in Western Uganda  
Theuring S., Decker S., Rempis E., Schnack A., Braun V., Rubaihayo J., Busingye P., Turnwesigye N.M., Harms G. (Germany & Uganda)

Factors associated with loss to follow-up among women in Option B_PMTCT programme in northeast Ethiopia: A retrospective cohort study  
Israel M., Mastewal A., Yonatal Mesfin, Muliken G. (Ethiopia)

Screening of human Papillomavirus, cervical cytological abnormalities and associated risk factors in HIV-positive and HIV-negative women in Rwanda  
Manzi O.M. (Rwanda)

HIV prevalence declines in Southern Africa: Have we misread the landscape?  
Loevinsohn M.E. (The Netherlands)
10.30  **9S1 - Emerging Voices**  
Detailed programme TBC

12.00  **9S2 - Student initiatives – Ways of creating an international environment: Four alternative ways to improve internationalization at home**  
Organisers: BeMSA Ghent, medical students

15.00  **9S3 - Training on neglected tropical diseases: Are you brave or crazy?**  
Organiser: EuroLeish.net, Marie Sklodowska-Curie – Innovative Training Network, Coordinated by ISGlobal, Barcelona, Spain

17.00  **3OS5 - Nodding syndrome: Interdisciplinary findings and ways forward in prevention and treatment**  
Organisers: Sarah O’Neill, Medical Anthropology Unit, Institute of Tropical Medicine, Belgium  
Robert Colebunders, Global Health Institute, University of Antwerp, Belgium  
Koen Peeters, Medical Anthropology Unit, Institute of Tropical Medicine, Belgium

10.30  **3OS6 - Integrating Mental Health into Local Health Systems (LHS): Low and Middle Income Country (LMIC) experiences**  
Organisers: Nandini D.P. Sarkar and Bart Criel  
Equity and Health Unit, Department of Public Health  
Institute of Tropical Medicine, Antwerp, Belgium
### Programme at a glance - Wednesday 18/10

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<td>10.30</td>
<td><strong>5OS3</strong> Poor quality medicines: a hidden threat to health systems and international health</td>
<td><strong>3OS7</strong> How to stop global antibiotic resistance?</td>
<td><strong>4OS5</strong> Malaria: From control to elimination?</td>
<td><strong>5OS6</strong> Human Resources into Health Workforce</td>
<td><strong>1OS3</strong> Molecular Biology and Epidemiology - Before whole genome sequencing</td>
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<td>13.30</td>
<td><strong>5S4</strong> Drugs, Diagnostics &amp; Supplies</td>
<td><strong>3S4</strong> Antibacterial resistance</td>
<td><strong>4OS3</strong> Targeted malaria elimination in the Greater Mekong Subregion using mass drug administrations</td>
<td><strong>5OS4</strong> Tackling the non-communicable disease epidemics in low- and middle-income countries</td>
<td><strong>5OS5</strong> Human resources for health in low income countries and complex settings: an opportunity to address global challenges?</td>
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<td>15.30</td>
<td><strong>7OS1</strong> How does global trade impact health? Panel debate</td>
<td><strong>3OS8</strong> Non-malarial Febrile illness in the Tropics: the ultimate clinical challenge?</td>
<td><strong>2S5</strong> Malignant factors and transmission</td>
<td><strong>7OS2</strong> Refugee mental health in the global south and north: current research and best practices</td>
<td><strong>5S7</strong> Data</td>
<td><strong>1OS2</strong> Genomics in the tropics: the example of Salmonella</td>
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<td>17.00</td>
<td><strong>Premiere screening of a film on Peter Piot's life and work</strong></td>
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### Programme at a glance - Wednesday 18/10

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<td>10.30</td>
<td><strong>4OS4</strong> Using the One Health Concept for preparedness of Emerging Diseases</td>
<td><strong>8S6</strong> Child Mortality</td>
<td><strong>5S8</strong> Financing</td>
<td><strong>6OS2</strong> Collaborative initiatives for capacity building and education</td>
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<td>13.00</td>
<td><strong>2S6</strong> Zoonoses</td>
<td><strong>8S7</strong> Child Health Problems</td>
<td><strong>5OS6</strong> Scratching beyond the superficial methods for and cases of under-documented issues in Performance-Based Financing (PBF)</td>
<td><strong>6OS3</strong> Collaborative initiatives for capacity building and education</td>
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<td><strong>3OS9</strong> Hepatitis C care in resource-constrained settings. Do we have a scalable public health approach anno 2017?</td>
<td><strong>4S6</strong> NTD elimination through mass drug administration</td>
<td><strong>5OS7</strong> Strategic financing: Concept and field applications from 6 partner countries</td>
<td><strong>Journalism session</strong> The impact of science and journalism on global health</td>
<td><strong>8OS2</strong> Crisis in the Mediterranean: Training health care providers for working with refugees, forced migrants, and asylum seekers</td>
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08.30  
**Plenary Talks**

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

10.30  
**3OS3 - Poor quality medicines: A hidden threat to health systems and international health**

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

12.00  
Lunch Break and Poster Tour (12.30 - 13.30)

13.30  
**5S4 - Drugs, Diagnostics & Supplies**

The quality of artemether-lumefantrine combination and characteristics of pharmacies in the Periurban areas of Kinshasa
Mavungu Landu D.J., Liégeois S., Manzambi Kuwekita J., Mbinze J., Mavungu Nsiona J., Hubert P., Michel B., Reginster J.Y., Frédéric M., Marin Djang‘Eing’ A. R. (Belgium & DRC)

How the quality strategy can tackle the challenges of procuring medicines in weak regulatory environments: The experience of a sub-Saharan African Procurement Centre
Raffaella Ravinetto, Paul Singh Lotay, Olivier De Santi (Kenya)

A health system perspective to improving pharmaceutical supply: Lessons from Zimbabwe
Carasso K.B., Naylor M., Ngwaru T., Caffrey M., Witter S. (Belgium, UK & South Africa)

15.00  
Coffee Break

15.30  
**7OS1: How does global trade impact health? Panel debate**

**Organisers:**
Peter Eerens, Living Health Systems, Brussels, Belgium; working group ‘Social Determinants of Health’ of Be-Cause Health, Brussels, Belgium
Liesbet Vangel, Policy Dept., FOS, Brussels, Belgium; working group ‘Social Determinants of Health’ of Be-Cause Health, Brussels, Belgium

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

Followed by an interview with Peter Piot
led by Andrew Jack, Editor of Curated Content at the Financial Times and member of the Global Health Film Initiative Advisory Board
10.30  **4S5 – Malaria: From control to elimination?**

**Pregnant women as sentinels: a pragmatic approach to malaria surveillance**
Brunner N.C., Chackky F., Mandikre R., Mohamed A., Lenteger C., Molteni F., Hetzel M.W. (Switzerland, United Republic of Tanzania)

**Impact of mass drug administration on clinical malaria in a setting of seasonal transmission and high coverage of control interventions**
Julia Mwesigwa, Jane Achan, Mariam Watou, Fatoumatta Kanuteh, Archibald Wonwui, Muna Affara, Jean-Pierre Van deerenb, Umberto D'Alessandro (Gambia, Belgium & UK)

**Harnessing the wisdom of crowds to inform health spending: The case of malaria eradication**
Brew J.R., Pradhan M.P., Sicuri E. (Spain, The Netherlands & UK)

**School-based malaria prevalence survey: important longitudinal surveillance tool to assess epidemiological impact of malaria control interventions in the Democratic Republic of the Congo**
Edouard Kawawa Swana, Betty Mupemba, Suprianto, Paul Makan Mawaw, Thierry Yav, Clarence Kaut Mukeng, Izak Hattingh, Oscar Numbi Luboya, Jean-Baptiste Sakatolo Kakuma, Michael J. Bangs (DRC & Indonesia)

**Epidemiological profile of malaria transmission in the Brazilian Amazon, 2010-2015**
Canelas T., Castilho-Salgado C., Ribeiro H. (Brazil & USA)

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

13.30  **4OS3 - Targeted malaria elimination in the Greater Mekong Subregion using mass drug administrations**

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

15.00  **Coffee Break**

15.30  **2SS - Malaria vectors and transmission**

**Entomological indices of Plasmodium falciparum transmission in Sahelian area before panafrican Great Green Wall initiative implementation, Burkina Faso, West Africa**

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

**The effectiveness of a topical repellents and long-lasting insecticidal nets on mosquito populations in a malaria pre-elimination setting of Cambodia**
Mao S., Durnez L., Coosemans M. (Cambodia & Belgium)

**Evidence of cuticular resistance to pyrethroids in Anopheles gambiae**
Cornelle S., Yahouédo G.A., Rossignol M., Ginibre C., Balabanidou V., Garcia Albeniz Mendez N., Pigeon O., Vontas J., Chandre F. (France, Greece & Belgium)

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

**Bringing quality assurance for indoor residual spraying (IRS) into the 21st century: Improving IRS policy implementation**
Gleave K., Coleman M., Mbokazi F., Kok G., Coetzee M., Saaiman M., Paine M., Foster G. (UK & South Africa)
10.30  **5S5 - Risk Factors and NCD**

Tracing Africa’s progress towards implementing the Non-Communicable Diseases Global action plan 2013-2020: A synthesis of WHO country profile reports
Nyaba G.N., Stronks K., de-Graft Aikins A., Kengne A.P., Agymang C. (The Netherlands, Gana & South Africa)

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

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

How are resource-limited countries addressing global versus national implementation challenges in diabetes prevention and control? The Kenya experience
Shiroya V.N., Deckert A., Mayeden S., Neuhann F. (Germany)

12.00  Lunch Break and Poster Tour (12.30 - 13.30)

13.30  **5S4 - 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
Christian Noestlinger, HIV and Sexual Health Unit, Department of Public Health Institute of Tropical Medicine, Antwerp, Belgium

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

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

Acceptability of male midwives in Ethiopia: Findings of a national study
Abebe A., Lazaro D., Berhe A. (Ethiopia)

Factors associated with mental wellbeing of health workers in Malawi – Findings from a health worker survey using the WHO-5 Wellbeing Index
Lohmann J., Shulenbayev O., Wilhelm D., Brenner S., Kambala C., Muula A.S., De Allegri M. (Germany & Malawi)

Non-state providers responding to system changes: Exploring the adaptive capacities of faith–based health providers in the Ecuadorian health system
Ullauri A.N., Olivier J. (South Africa)

12.00  Lunch Break and Poster Tour (12.30 - 13.30)

13.30  **5S5 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 Ortúñio-Gutiérrez Damen Foundation, Brussels, Belgium

15.00  Coffee Break

15.30  **5S7 - Data**

The ALMANACH Project: Preliminary results and potentiality for Afghanistan
Bernasconi A., Rossi R. Crabbé F., Qani I., Raab M., Du Mortier S. (Switzerland & Afghanistan)

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

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

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

A new vision for travel medicine: Using mHealth and data-driven analyses to drive innovation
Farinham A., Furrer R., Blanke U., Stone E., Puhan M.A., Hatz C. (Switzerland)
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<td>10.30</td>
<td>1S3</td>
<td>Molecular Biology and Epidemiology - Before whole genome sequencing</td>
<td>Molecular epidemiology of <em>plasmodium vivax</em> in Solomon Islands</td>
<td>USA, Solomon Islands</td>
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<td>Yi Wan Quah, Andreae Watmann, Stephan Karl, Ventis Vahi, Andrew Daroy, Freda Pitakaka, Maxine Whittaker, Daniel J. Tisch, Alyssa E. Barry, Celine Barnadas, James Kazura, Ivo Mueller (Australia, Solomon Islands, USA &amp; France)</td>
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<td>Increase of mutations associated with SP resistance in <em>Plasmodium falciparum</em> isolates collected during pregnancy in Nanoro, Burkina Faso</td>
<td>(The Netherlands, Burkina Faso &amp; Gambia)</td>
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<td><em>Plasmodium falciparum</em> causing febrile infections express EPCR-binding PFEMP1</td>
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<td>Sixbert Mkumbaye, Christian W. Wang, Jacob S. Jespersen, Jens E.V. Petersen, Reginald Kavishe, John Lusingu, Thor G. Theander, Thomas Lavstsen (Tanzania &amp; Denmark)</td>
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<td>Revealing the genetic diversity of mycobacterium tuberculosis strains causing tuberculous lymphadenitis in Southwest Ethiopia</td>
<td>(Ethiopia &amp; Belgium)</td>
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<td>Tadesse M., Abebe G., de Rijk P., Meenan C., de Jong B.C., Rigouts L. (Ethiopia &amp; Belgium)</td>
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<td>Detecting <em>schistosoma mansoni</em> transmission using environmental DNA in water samples</td>
<td>(Denmark, Sweden, Kenya &amp; UK)</td>
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<td>13.30</td>
<td>1S4</td>
<td>Molecular Biology and Epidemiology - 2nd generation tools: whole genome sequencing and hereafter</td>
<td>Micro-epidemiological approach to understanding transmission dynamics of <em>Mycobacterium ulcerans</em> in the Ouémé river valley in southern Benin</td>
<td>(Benin, Australia &amp; France)</td>
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<td>Eddyani M., Vandelannoote K., Meehan C., Aflolabi D., Aguilar J., Marion E., Sopoh G., Portaels F., de Jong B.C., Stinear T. (Belgium, Benin, Australia &amp; France)</td>
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<td>Clonal waves of meningococcal colonization and disease in the African meningitis belt: Emergence of a hypervirulent W:ST-2881(CC175) clone by capsule switching</td>
<td>(Switzerland)</td>
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<td>Gerd Pluschke (Switzerland)</td>
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<td>Zika virus genetic diversity and selective pressure: Importance for diagnostics, vaccines and therapeutics</td>
<td>(Belgium &amp; Portugal)</td>
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<td>Direct sequencing of <em>Leishmania</em> genome in clinical samples</td>
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### Wednesday

**10.30**

**4OS4 - Using the One Health Concept for preparedness of Emerging Diseases**

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

**12.00**

Lunch Break and Poster Tour (12.30 - 13.30)

**13.30**

**2S6 – Zoonoses**

Viral pathogens at the human-wildlife interface in DRC: Wild mammals as natural hosts of zoonotic viruses Ngay L.I., Midingi G., Mbala K.P., Kumakamba M.C., Nkawa F., Monagin C., Jolly D., Mulembakani M.P., Makuwa M., Muyembe Tamum J.J. (DRC, USA & Canada)

Transmission of ESBL-producing Escherichia coli between humans and poultry - A one-health study from Ghana Eibach D., Irizariloglu C., Hogan B., Krumhauer L., Danquah C., Poppert S., Sarpong N., Owusu-Dabo E., May J. (Germany & Ghana)


Spatial patterns and abundance of rodents in Lassa fever endemic rural villages in Guinea Marien Joachim, Magassouba N’Faly, Leirs Herwig, Fichet-Calvet Elisabeth (Belgium, Guinea & Germany)

Lassa virus infection in humans and rodents: Are humans more infected when rodents are abundant? Fichet-Calvet E., Soropogui B., Mari Saez A., Cherif M., Jatta B., Camara A., Gabriel M., Günther S., Magassouba N., Borchert M. (Germany & Guinea)

**15.00**

Coffee Break

**15.30**

**3OS9 - 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

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**10.30**

**8S6 - Child Mortality**

Seasonal variation in child mortality in rural guinea-bissau Nielsen B.U., Byberg S., Aaby P., Rodrigues A., Benn C.S., Fisker A.B. (Guinea-Bissau & Denmark)

Child mortality in Guinea-Bissau – the effects of out-of-sequence vaccination Thysen S.M., Rodrigues A., Aaby P., Fisker A.B (Guinea-Bissau & Denmark)

Country-specific pathways from socioeconomic determinants to under-five mortality in Sub-Saharan Africa Van Malderen C., Amouzou A., Masquelier B., Van Oyen H., Speybroeck N. (Belgium & USA)

**12.00**

Lunch Break and Poster Tour (12.30 - 13.30)

**13.30**

**8S7 - Child Health Problems**


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)

Metabolic profiling of pre-school aged and school-aged children infected with Schistosoma mansoni and treated with praziquantel Panic C., Keiser J., Coulibaly J.T., Silué K.D., Kovac J., Harvey N., Holmes E., Jonathan Swann (Switzerland, Côte d’Ivoire & UK)

Etiologies of fever episodes among children under 5 years in a seasonal malaria transmission area, Burkina Faso Kiemde F., Tahtsi M.C., Lombo P., Rouamba T., Some A.M., Tinto H., Mens P.F., Schallig H.D.F.H., Boele van Hensbroek M. (Burkina Faso & The Netherlands)

Incidence and characteristics of unintentional injuries among children in a resource limited setting in Kampala, Uganda Charles Ssemugabo, Trasias Mukama, Abdullah Ali Halage, Nino Paichadze, Dustin Gibson, Olive Kobusingye (Uganda & USA)

**15.00**

Coffee Break
**4S6 - NTD elimination through mass drug administration**

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

Predictive value of ov16 antibody prevalence in different sub-populations for elimination of African onchocerciasis  
Coffeng L.E., Stolk W.A., De Vlas S.J., Golden A., De los Santos T., Domingo G.J. (The Netherlands & USA)

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

High prevalence of epilepsy and onchocerciasis after 20 years of ivermectin use in four villages of the mahenge area in Tanzania  
Mimbando B.P., Mnacho M., Makuende M., Kakorozaya A., Matuja W., Greter H., Suykerbuyk P., Colebunders R. (Tanzania & Belgium)

The long-term impact of preventive chemotherapy on the burden of soil-transmitted helminth infection  
Joseph S.A., Montresor A. (Switzerland)

**10.30 5SS – Financing**

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

It takes two to own. The policy process behind the implementation of PBF in Uganda  
Rennmans D., Holvoet N., Criël B. (Belgium)

Catastrophic health expenditure and care-seeking practices in Afghanistan: A mixed-methods study  
Jacobs, E., Zaal, F., Alba, S. (The Netherlands)

Financial access barriers for HIV patients in Kinshasa, DRC and possible mitigation by patient associations’ managed vouchers  
Vinard P., Aventin L., Cartier N., Philips M. (France & Belgium)

Lunch Break and Poster Tour (12.30 - 13.30)

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

Organisers:  
Dimitri Renmans, Institute for Development Policy and Management (I-OB), Universiteit Antwerpen, Belgium  
Elisabeth Paul, ARC Effi-Santé, Université de Liège, Liège, Belgium  
Valéry Ridde, Université de Montréal, Canada

Coffee Break

**15.00 5OS7 - Strategic financing: Concept and field applications from 6 partner countries**

Organisers:  
BTC headquarters and 6 health projects in 6 different countries, including the national partners
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<td>10.30</td>
<td><strong>6OS2 - Collaborative initiatives for capacity building and education</strong></td>
<td>Marjan Pirard, Mieke Stevens, Maria Zolfo and Govert van Heusden Institute of Tropical Medicine, Antwerp, Belgium</td>
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<td><strong>6OS3 - Collaborative and innovative tools for interactive learning in mobile low-bandwidth context</strong></td>
<td>Carlos Kiyan, 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</td>
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| 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. | Roeland Scholtalbers, Institute of Tropical Medicine Antwerp, Belgium

**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
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<td>19.30 - 20.00</td>
<td>TMIH workshop 1</td>
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### 08.30 - Plenary Talks

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

**7S1 - Health Inequalities**

**State of inequality in malaria services in Sub-Saharan African countries**
Galaktionova K., Smith T., de Savigny D., Penny M. A. (Switzerland)

**Reproductive and maternal health inequalities in Sub-Saharan Africa: Establishing a socioeconomic gradient based on data from Mozambique, Gabon and Tanzania**
Pons-Duran C., Islam M., Alonso S., Mtenga S.M., Agranjdi S.T., Sicuri E., Menéndez C., Munguambe K. (Spain, Mozambique, Tanzania & Gabon)

**Inequalities in global health: Easy to see, hard to define**
Ooms Gorik (UK)

**Inequalities in Sub-Saharan African women's and girls’ health opportunities and outcomes:**
Evidence from the demographic health surveys
Pons-Duran C., Lucas A., Narayan A., Dabalen A., Menéndez C. (Spain & USA)

**10.30**

**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

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

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

**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
10.30 **3S5 - Mycobacterial diseases**

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


**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 Bitungwahari, Samuel Nkundibiza, Aimable Dukundane, Joannes Clerinx (Rwanda & Belgium)

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

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

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

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

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

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

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

13.30 **4OS5 - Towards improved tuberculosis control – Why small countries matter**

**Organiser:**

Martin F. 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

**Coffee Break**

15.00 **4OS6 - Interrupting leprosy transmission – The unfinished task**

**Organisers:**

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

15.30 **6OS4 - Preparing for the next epidemic: The need for global collaboration**

**Organiser:**

European Commission – DG Research and Innovation – Unit E3, Fighting Infectious Diseases and Advancing Public Health
10.30  
**1S4 – Vaccinology**

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

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

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

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

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

Alfred B. Tiono, Alphonse Ouedraogo, Sam Coulibaly, Edith Bougouma, Issa N. Ouedraogo, Navin Venkataraman, Georgina Bower, Katie Eyer, Nicola Viebig, Amidou Diara, Gregory Glenn, Odile Leroy, Adrian V. S. Hill, Sodromon B. Sirima (Burkina Faso, UK, Germany & USA)

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

Pissarra J., Holzmueller P., Bras-Goncalves R., Garnau A., Lennesre J.L. (France & Tunisia)

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

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

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

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

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


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

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

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

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

Human papillomavirus vaccination and herd immunity in adult women

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

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


15.00  
**Coffee Break**

15.30  
**4S8 - Vaccination strategies**

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

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

Field challenges to measles elimination in the Democratic Republic of Congo

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

WHO gap III roadmap to compliance for poliovirus-essential facilities

De Kesel T., Rödelshsm P. (Belgium)

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


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 Clinic, University of Barcelona, Spain
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<td>10.30</td>
<td><strong>SS10 - Governance of health systems</strong></td>
<td>Managing complexity, managing accountability</td>
<td>Performance of community health workers: Situating their intermediary position within complex adaptive health systems&lt;br&gt;Kok M.C., Taegtmeyer M., Broers J.E.W., Dieleman M. Theobald S. (The Netherlands &amp; UK)&lt;br&gt;Health systems governance in conflict-affected settings: Governing Kurdistan’s health system during the ISIS-related conflict&lt;br&gt;Zangana G.A., Mangouri Z. (Iraq)&lt;br&gt;Translation of multiple health systems flows in the language of complex networks&lt;br&gt;Eerens P. (Belgium)</td>
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<td>13.30</td>
<td><strong>5OS9 - Complex adaptive governance in local health systems</strong>&lt;br&gt;<strong>When implementation instruments interact with local politics and shift accountability</strong></td>
<td>Organiser: Sara Van Belle, Department of Public Health, Institute of Tropical Medicine, Antwerp, Belgium</td>
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<td><strong>5OS10 - Strengthening comprehensive and integrated first line care for health &amp; well-being</strong>&lt;br&gt;<strong>-<em>Exchange of approaches from low, middle and high income countries, aiming at launching a Community of Practice</em></strong></td>
<td>Organiser: Pol De Vos, Institute Tropical Medicine, Antwerp Belgium</td>
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<td>17.00</td>
<td><strong>6S3 - International Funding Mechanisms</strong></td>
<td>The love-hate relationship between European donors and the global health initiatives&lt;br&gt;Steurs L., Delputte S., Orbie J. (Belgium)&lt;br&gt;Behind the scenes: International NGOs, global-national policy transfer and the politics of concealment&lt;br&gt;Storeng K.S., Palmer J., Kloster M.O., Judy D. (Norway, UK &amp; Australia)&lt;br&gt;European donors and health system strengthening: A distinct approach?&lt;br&gt;Steurs L., Delputte S., Orbie J. (Belgium)&lt;br&gt;How will the Africa scorecard on domestic financing for health drive the sustainable domestic financing of Africa’s catalytic framework to end AIDS, TB and to eliminate Malaria by 2030&lt;br&gt;Booth P., Tekle-Haimanot S.S., Ndayisaba M.G., Surgey G. (UK, Switzerland, Ethiopia &amp; South Africa)</td>
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<td><strong>6OS5 - Innovative training programmes for local health systems staff</strong></td>
<td>Organisers: Valeria Campos da Silveira and Bart Criel&lt;br&gt;Equity and Health Unit, Dept. of Public Health, Institute of Tropical Medicine, Antwerp, Belgium</td>
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<td><strong>6OS10 - From tropical medicine to global health: presenting an educational evolution, responding to human resources for health needs in low resource settings</strong></td>
<td>Organisers: Sanne Jongma (TROIE), Annelieke Hulpensbosch (TROIE), Barend Gerretsen (OIGT), NVTG</td>
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<td><strong>9S4 - Transglobal Health Programme</strong></td>
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10.30  **7S2 - Migrant Health**

A crisis of protection and humane treatment: Violence, physical trauma and deaths among migrants/refugees travelling along the Western Balkan corridor to Northern Europe


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., Bjørnerup P.J., Blanchet K., Mayaou P., Salumu L., Perrin C., Porten K., Cuhuet S., (France)

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

Lafaut D., (Belgium)

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

Nathan Bertelsen, Hawthorne Smith (Turkey & USA)

Family health Doctors Beyond Borders

Cacciottela L., Bernardi A., D’Agostino F., Fascendini M., Montanari A., (Italy)

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

Ioanna Kotsioni, Artemis Kastrissianaki, Ioanna Haziri, Anastasia Papachristou, Manolis Kokkinotis, Eleftheria Zerva, Athanassia Vallianou, Federica Zamatto, Rafael Van Den Bergh, Nikos Gionakis, Elina Ioanna Kotsioni, Artemis Kastrissianaki, Ioanna Haziri, Anastasia Papachristou, Manolis Kokkinotis, Eleftheria Zerva, Athanassia Vallianou, Federica Zamatto, Rafael Van Den Bergh, Nikos Gionakis, Elina

12.00  **3S6 - Traveller / Migrant Health**

Early diagnosis of acute schistosomiasis by schistosome DNA detection in serum in a cluster cohort of 34 travelers exposed in South Africa

Cnopis L., Maniwek L., Soentjens P., van Vugt M., de Bree G.J., Goorhuis A., Grobusch M.P., (The Netherlands)

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)

Use of antibiotics prior to blood culture sampling in Nepal

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

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


15.00  **3S7 - Bacterial infections in the Tropics**

Polymerase chain reaction for the diagnosis of *Clostridium difficile* infection in patients with persistent digestive disorders and asymptomatic controls in Côte d’Ivoire

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

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

Lisette Mtsuiy Kalonji, Barbra Barbé, Joule Madinga, Clementine Roucher, Gaeel Nkoki, Katja Polman, Pascal Lubumba, Marie-France Phobs, Octavie Lunguaya, Jan Jacobs (Democratic Republic of Congo & Belgium)

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


Epidemiology of *Clostridium difficile* infection in patients with persistent fever in Sihanouk Hospital Center - Cambodia

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

15.30  **3S8 - Challenging Syndromes and co-infections**

Causes of non-traumatic paraplegia in Malawi

Ziljstra, E.E., van Hellemond J., MkandawireN., Katchanov J., Rothe C. (The Netherlands, Malawi & Germany)

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


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

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

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

Lenaerts E., Mukendi D., Mandro M., Dolo H., Ucima Wonya’Rosi D., Ngave F., Colebunders R., Suykerbuyk P.
**3S9 - All about Leishmaniasis**

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

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

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

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

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

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

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

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

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

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

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

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

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

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**13.30 4S9 - Control of the leishmaniases**

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

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

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


**Update on Leishmaniasis Control in Suriname**


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

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

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

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

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

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

Shyam Sundar (India)

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


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

Rajib Chowdhury, Shyla Faris, M. Mannan Huda, Vishak Chowdhury, Dinesh Mondal, Shreenu Akter, Sakila Akter, Shah Golam Nabi, Axl Kroeger, Daniel Argaw, Jorge Alvar (Bangladesh, Switzerland & Germany)

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

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

17.00 6S1 - International Partnerships and Collaboration

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

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

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


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


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

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

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

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

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

Organiser: TropNet

Swiss Tropical Institute of Public Health, Basel, Switzerland

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 8S8 - Obstetric Care

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

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

**Indications for caesarean sections in a rural hospital in Malawi**

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

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

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

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

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

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


17.00 Coffee Break

17.00 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

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

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

Lale Say, World Health Organization
10.30  **1S6 - Therapeutic Innovations**

*Discovery and lead-optimalisation of two new antileishmanial pre-clinical candidates within an academic-industry partnership*
De Rycker M. on behalf of the DDU/GSK Kinetoplastid Drug Discovery Team (UK & Spain)

*Modelling the antimalarial activity of SJ733, a novel promising investigational antimalarial using early phase human pharmacokinetic and efficacy data*
McCarty J.S., Woodford J., Guy R.K., Gaur A.H., Panetta J.C., Freeman B.B., Marquart L., Chalon S., Gimmel A., Bebrevska L. (Australia, USA & Switzerland)

*The effect of oral administration of antibiotics on Schistosoma Mansoni egg-induced pathology in mouse models*
Kildemoes A.O., Schramm, G., Pakkenberg, B., Hansen, A.K., Skov, S., Nielsen D.S., Vennervald B.J. (Denmark & Germany)

*In silico design of novel Zika virus inhibitors*
Trist I.M.L., Poli G., Neyts J., Canard B., Botta M. (Italy, Belgium, France & USA)

12.00  Lunch Break and Poster Tour (12.30 - 13.30)

13.30  **3S10 - Management of Helminthiases**

*Comparison of single kato-katz, duplicate kato-katz, mini-flotac and fecpakG2 for the assessment of anthelmintic efficacy of single dose albendazole*

*Egg excretion indicators for the measurement of soil-transmitted helminth response to treatment*
Piero Olliaro, Michel Vaillant, Assisatou Diawara, Eliezer K. N‘Goran, Shaali Arne, Benjamin Speich, Stefanie Knopp, Peter Steinmann, Peiling Yap, Xiao-Nong Zhou, Marco Albionico, Jürg Utzinger, Jennifer Keiser (Switzerland, Luxembourg, United Arab Emirates, Côte d’Ivoire, Italy & China)

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

*Evolution of anthelmintic resistance in the era of preventive chemotherapy*
Coffeng L.E., Stolk W.A., de Vlas S.J. (The Netherlands)

*Hot topics in the diagnosis and management of strongyloidiasis*
Buonfrate D., Bisoffi Z. (Italy)

15.00  Coffee Break

**6OS7 - Development, validation and implementation of diagnostic tools in resource-limited settings**

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

**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
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| 10.30 | **8OS6 - The power of the image: Use of multimedia in health research, advocacy, and dissemination** | Caroline Masquillier, Department of Sociology, University of Antwerp, Antwerp, Belgium  
Amit Makan, Alan Fisher 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  
Elena 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                                                                                                                                 |
|       | **Lunch Break and Poster Tour (12.30 - 13.30)**                         |                                                                                                                                                                                                          |
| 12.00 | **TMIH Workshop 1**                                                     |                                                                                                                                                                                                          |
| 13.30 | **Coffee Break**                                                       |                                                                                                                                                                                                          |
| 15.00 | **TMIH Workshop 2**                                                    |                                                                                                                                                                                                          |
| 15.30 | **Coffee Break**                                                       |                                                                                                                                                                                                          |

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<td><strong>Lunch Break and Poster Tour (12.30 - 13.30)</strong></td>
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| 13.30 | **4OS7 - The role of multi-sectoral approaches for the prevention and control of malaria and emerging arboviral diseases** | Florence Fouque, The Special Programme for Research and Training in Tropical Diseases World Health Organization, Geneva, Switzerland  
Susanna Hausmann, Swiss Agency for Development and Cooperation, Bern, Switzerland  
Zee Leung, International Development Research Centre, Ottawa, Ontario, Canada  
Konstantina Boutsika, Swiss Tropical and Public Health Institute, Basel, Switzerland                                                                                                                                 |
| 15.00 | **Coffee Break**                                                       |                                                                                                                                                                                                          |
| 15.30 | **3OS13 - International Networks for Travel Medicine**                  | TropNet  
Swiss Tropical Institute of Public Health, Basel, Switzerland                                                                                                                                                                                                 |
| 17.00 | **8OS7 - Social and economic impact of Cutaneous Leishmaniasis (CL) in Latin America: A patient’s perspective to inform better treatments and study design** | Dalia 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                                                                                                                                 |

**Monday**  
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**Posters**
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<td>08.30 - 10.00</td>
<td>6OS8 Give-and-take: sharing and using health research and programme data for improved impact</td>
<td>6OS9 The secrets of effective networks -5 case studies focusing on structure and functioning of multi-stakeholder platforms</td>
<td>5OS11 Quality improvement and patient safety in low and middle income countries</td>
<td>5OS12 Asset management in LMICs: A challenge with multiple answers</td>
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<td>10.30 - 12.00</td>
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<td>12.30</td>
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10.30  Plenary Talks
Malaria elimination
Umberto D’Alessandro, MRC Unit The Gambia, Banjul, Gambia
Keeping Fives Alive Project in Ghana
Sodzi Sodzi-Tettey, Institute for Healthcare Improvement, Ghana

12.00  Closing Ceremony

12.30  Farewell Lunch
08.30 6OS9 - The secrets of effective networks - 5 case studies focusing on structure and functioning of multi-stakeholder platforms

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

10.00 Coffee Break

08.30 5OS11 - Quality Improvement and patient safety in low and middle income countries: Considerations on feasibility, challenges and success factors

Organiser:
Michael Marx, University of Heidelberg, Institute of Public Health, Heidelberg, Germany
In collaboration with evaplan GmbH at University Hospital Heidelberg, Germany

10.00 Coffee Break
08.30
**50S12 - Asset management in LMICs: a challenge with multiple answers**

**Organisers:**
FESTMIH member: platform of Be-cause Health & HUMATEM & AZV/MSV

10.00
**Coffee Break**
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., Neys J. (Belgium)

An immunomics approach detects promising candidate antigens for Ascaris Serodiagnosis in pigs and humans
Vlaeminck J., Dana D., Demeyer L., Meekonen Z., Weij G.J., Geldhof P., Levecke B. (Belgium, Ethiopia & USA)

Diagnosis of Trypanosoma cruzi infection status in saliva of infected subjects
Cortez-Serra N., Pinazo M.J., De la Torre L., Gallizi M., Gascon J. and Bustamantes JM. (Spain & USA)

Identification of early lead compounds with antischistosomal activity from two MMV libraries
Pasche V., Keiser J. (Switzerland)

Performance evaluation of a rapid diagnostic test for simultaneous diagnosis of malaria and screening for gambiense human African trypanosomiasis using archived samples
Matovu E., Lumbala C., Sendagire A.J.N., Biéler S., Ndung’u J.M. (Uganda, Democratic Republic of Congo & Switzerland)

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

Serological tests for gambiense human African trypanosomiasis detect antibodies in cattle
Matovu E., Kitibwa A., Picado A., Biéler S., Bessell PR and Ndung’u J.M. (Uganda, Democratic Republic of Congo & Switzerland)

In vitro and in vivo anti-malarial activity of extracts from Terminalia mantaly
R.G., Hzound F.J.B, Boyom F.F, In vitro in vivo anti-malarial activity of extracts from Terminalia mantaly (Combretaceae)
Tuesday

Effect of M. Tuberculosis Preservation on the Sensitivity of molecular tuberculosis tests
Nannouzi B., Mulders W., Rigouts L. (Belgium)

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

Optimization of the PAXgene Blood RNA system to store Salmonella cells for subsequent RNA analysis
Rutang J.P., Van Puyvelde S., De Block T., Jacobs J., Muvunyi C.M. and Deborggraeve S. (RWanda & Belgium)

Nano-TICL4-SiO2 promoted synthesis of benzothiazoles as potential antimicrobial agents
Morales-Yáñez F.J., Sariego I., De Vlae K., Polman K., Mylervmans S. and Trashin S. (Belgium & Cuba)

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

The challenge in serodiscordant Chagas Disease: The role of two confirmatory techniques in inconclusive cases
Zaira Moreu, Elena Sullero, Laura Iniesta, Carmen Guillen, Israel Molina, M. Magdalena Alcover, Cristina Riera, Tomás Pumarola, Roser Fisa (Spain)

Analysis of the specificity of a Mycobacterium leprae diagnostic qPCR
Breit S., Vandelaanooke K., Meehan C., Rigouts L., Brum Fontes A., Rosa P., Suffys P., De Jong B. (Belgium & Brazil)

Identification of early lead compounds with antischistosomal activity from two MMV libraries
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Development of a nanobody-based amperometric immunocapturing assay for sensitive and specific detection of Toxocara canis excretory-secretory antigen
Influence of age, IPTp-SP, malaria infection and anaemia on naturally acquired antibodies levels to DBL5 and ID1-1D2A and the antibodies’ dynamic during postpartum in a rural setting of Burkina Faso
Traoré O., Yerberga W., Sorgho H., Rouamba T., Ouédraogo N., Traoré-Couvilly M., Valéa L., Tinto H., Belém A.M.G., Traoré Y. (Burkina Faso)

Low levels of soluble CD40 ligand in asymptomatic leishmania donovani co-infected HIV patients
Adriànsen W., Díez E., Abdellatif S., Gedamu Y., Mengesha B., Adem E., Vogt F., van Henten S., Kestens L., Van Giersven J. (Belgium & Ethiopia)

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

Killer-cell immunoglobulin-like receptor genotyping by MULTIPLEX PCR-SSP in a Venezuelan population infected with cutaneous Leishmaniasis
Sanjuan-Pacheco W.A., Goncalves L., Femin, G. (Venezuela)

Platelet-activating factor mediates endotoxin tolerance by regulating indoleamine 2,3-dioxygenase-dependent expression of the suppressor of cytokine signaling 3
Kyung Tae Noh (South Korea)

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

Immune-modulatory effects of malaria co-infection with mycobacterium ulcerans disease in Ghana
Antwi-Berko D., Nausch N., Owusu W., Owusu-Dabo E., Batua Debrah L., Debrah A.Y., Jamos N., Phillips R.O. (Ghana & Germany)

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

Parasitic exosomes as biomarkers for diagnosis in infectious diseases
G. Morales, D. Cardenas, J. Arroyo, L. Ayala, R. Seqat, M. Torres (Ecuador)

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

K13 polymorphisms in Plasmodium falciparum from low and high malaria transmission areas in Kenya
Zaydah R. de Laurent, Hosea M. Akala, Ben Andagalu, Matthew Brown, Lynette Isabella Ochola-Oyier, Edwin Kamau (Kenya)

Variable-Number-Tandem-Repeat Typing for Madurella mycetomatis isolates
Lim W., Eadike K., van de Sande W. (The Netherlands)

Trypanosoma cruzi analysis by Next Generation Sequencing reveals an important genetic expansion
Francisco Callejas-Hernández, Núria Gironés and Manuel Fresno (Spain)

High prevalence of Pfdhr and Pfdhps genes mutations in pregnant women in Bobo-Dioulasso, Burkina Faso
Soulam A., Cissé M., Awandare A. G., Hayette M-P., Guiguemde T. R. (Burkina Faso, Ghana & Belgium)

Analysis of the Ubiquitin-conjugating (E2) gene, over-expressed in metacyclic promastigotes of Leishmania infantum extracted from Phlebotomus perniciosus
J. Larraga, A. Alonso, P.J. Alcoeu, V. Larraga (Spain)

Genome-wide analysis of gene expression in a knock-in cell line of Leishmania infantum over-expressing the elongation factor 2 gene
Pedro J. Alcoea, Ana Alonso, Enrique Martínez, Basilio Valladares, Vicente Larraga (Spain)

Insights into Trypanosoma cruzi evolution, genotyping and molecular diagnostics from satellite DNA sequence analysis
Ramirez J.C., Torres C., Curto M.A., Schijman A.G. (Argentina)

Molecular subtyping of Blastocystis from symptomatic patients and healthy individuals from the southwestern Iran
Molouk Beiromvand, Leila Hardanipasand (Iran)

Molecular profiles of pfdhr, pfdhps, pfdmrt and pfcr genes of Plasmodium falciparum in Bata District (Equatorial Guinea): detection for the first time of mutation 164L in pfdhr.

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

Expression analysis of Iron Super OXide Dismutases (FeSOD A/ B) genes in sensitive and resistant field isolates of L. tropica to meglumine antimoniate using Real-Time RT-PCR
H. Hajarian, A. Bahrami, E. Kazemi-rad M. Mohebail R. Raofian, M.A.Oshaghi (Iran)

Pharmacogenetic profile of P450 2B6, 2C8 and 3A4 genetic variants and the clinical association with malaria recurrence infections in DR Congo
Vito Baraka, Helle Hansson, Yohitomi Muhindo Mavoko, Carolon Naborumma, Filbert Francis, Pascal Lutumba, Michael Alfarrang Jean-Pierre Van Geertruyden (United Republic of Tanzania, Belgium, Democratic Republic of Congo, Uganda & Denmark)

Molecular epidemiology of hepatitis B virus in Togo
Anyovi F, Gerber A, Diagbouga Os, Brichler S, Karou S, Diouf F, Simpore J, Gordien E, Aoun O, François-Marie Lahaye Christophe Rapp (Egypt, France, Burkina Faso & Togo)

Molecular characterization of Trypanosoma cruzi in 4 Chagas disease patients infected by different routes of transmission
Z. Moure, E. Sulleiro, Ismael Ibáñez, Jose Miguel Rubio, Andrea Martín, Javier Nieto, E. Aoun, O. François-Marie Lahaye, Christophe Rapp (Egypt, France, Burkina Faso & Togo)

Trypanosoma cruzi falciparum HR2 & HRP3 gene deletions in Eritrea
Exploring the Genetic Basis for Human Trypanotolerance in African Populations
Matovu E and the TrypanoGEN Network (Uganda)

IL-6 promoter gene polymorphism underlying Schistosoma haematobium infection of the first case report of schistosomiasis in Corsica (France, Europe)
Botelho M.C., Cardoso R., Holtfreter M.C., Moné H., Mouahid G., Alves H., Richter J. (Portugal, Germany & France)

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

Role of mTOR in invasion, proliferation and egress of Toxoplasma gondii tachyzoites
González-del Carmen M., Rosas-Luna M., Ramírez-Salazar D.J., Fernández-Vázquez C.A., Jiménez-Patiño J.N., Varela-Cardoso M., Carrión-Calvo L. (Mexico)

First genome of Salmonella concord, a highly resistant and virulent Salmonella serotype in the Horn of Africa
Cuypers W.L., Dougan G., Jacobs J., Lauvens K., Deborggraeve S., Van Puyvelde S. (Belgium & UK)

Viability of hookworm ova using metabolic profile

Antifolate resistance mutations in Plasmodium falciparum isolates from the Central Africa Republic
Djibrine Djalé, Julienne Ipero, Gustave Serengbe Bobossi, Mirdad Kazanj, Alexandre Maniarikiza (Central African Republic & France)

Evaluation of the pharmacokinetic-pharmacodynamic relationship of praziquantel in the African Republic & France

Moderate and severe LFT elevations in controlled human P. falciparum malaria infection model:
Recent experience, literature review and mechanistic hypotheses
Samantha Akakpo, Stephan Chalon, Stephan Duparc, Theresa Shapiro, Paul Griffin, James McCarth
(Switzerland, USA & Australia)

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

The establishment of an Enterovirus 71 (EV71) infection model with robust lethal neuro-pathogenicity in adult mice
Sun L., Tsiampa A., Thibault H.J., Mirabella C., Delang L., Neyts J. (Belgium)

Establishing new line of Plasmodium falciparum using infected clonal strains in support of controlled human malaria infection studies
Redempth Y., Agnes C. C., Charles O., Lorna J. C., Dennis J., Benjamin O., Hoseah M. A., Ben A., Edwin K., Mathew B. (Kenya)

Steroid hormones in murine schistosomiasis mansoni
Olivera K.C., Cardoso R., Dos Santos A.C., Alves H., Richter J., Botelho M.C. (Portugal, Brazil & Germany)

Expression of angiogenic and inflammation markers in murine schistosomiasis mansoni
Dematel A., Fernandes R., Soares R., Gartner F., Alves H., Richter J., Botelho M.C. (Portugal & Germany)

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

Intra-dental rabies vaccination in bovine: A life saving protocol
Dr. Omesh Kumar Bharti, Dr. Uppinder Kumar Sharma, Dr. Reeta Subramani Mani, Dr. Adarsh Kumar, Ms. Archana Phull (India)

Rabies antibody response after boosting 10 years or more after pre-exposure prophylaxis
De Pijper C.A., Langedijk A.C., Grobusch M.P., Stignis C. (The Netherlands)

Genetic Analysis of Influenza B viruses circulating in the Democratic Republic of Congo, 2015-2016: Implication for the vaccine
Nkwenbe E. (DRC)

Pneumococcal Vaccine Immunogenicity following allelogeic hematopoietic stem cell transplantation
Langedijk A.C., van aalst m., meek b., grobusch m.p., goorhuis a. (the netherlands)

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

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

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

Growth inhibition of peruvian amazon p. falciparum isolates by antibodies against N-terminal and central MSP10 domains
Villasis E., Bendezu J., Nolasco O., Garro K., Maldonado Y., Torres K., Infante B., Gamboa D., Vinetz J. (Perú & USA)

Safety and Immunogenicity of Co-administered Hookworm Vaccine Candidates Na-GST-1 and Na-APR-1 with Alhydrogel® and Glucopyranosyl-Lipid A in Gabonese adults
Aya Lima Adenrjika, Sophie de Vries, Jean loot Frejus Zinscou, Josiane Honkpedji, Jean-Claude Dejon Agobe, Aureo Hounkpita, Marguerite Loembe Massinga, Emmanuel Bachle, Nadine Pakker, Remko van Leeuwen, Bertrand Leil, Peter G. Kremser, Maria Yazdanbakhsh, Jeffrey Bethony, Peter Hotez, David Diemert, Martin P. Grobusch for the HOOKVAC consortium (Gabon, Germany, The Netherlands & USA)

Is early measles vaccination associated with stronger survival benefits than later measles vaccination?
Hansen J.S., Thysen S. M., Rodrigues A., Martins C., Fisker A. B. (Denmark, Guinea-Bissau & Denmark)

Wing sexual dimorphism in species and subspecies of Tsetse flies
Ebdodaghe F.I., Jaramillo-O N. (Ghana & Colombia)
A combined method to identify b-cell epitopes in *Phlebotomus perniciosus* saliva
Willen L., Kostalova T., Volf P. (Czech Republic)

Preparation of colloidal gold immunochromatographic test to detect dog exposure to *Phlebotomus perniciosus* in endemic settings of canine leishmaniasis
Willen L., Mertens P., Volf P. (Czech Republic & Belgium)

Discussion of two infection prevention and control training approaches to enhance biosafety in primary healthcare facilities during an outbreak of ebola virus disease
Kratz T., Verbeeck L. (Germany)

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

Zika and abortion: Pragmatic and ethical implications for public health
Carabali M., Austin N., King N., Kaufman JS. (Canada)

A training curriculum for conducting clinical research during outbreaks
Horby P., Denie E., Keyem N.D., Reis A., Rojek A., Salam A.F., Olliaro P. (UK & Switzerland)

Sample size calculation in malaria non-inferiority treatment trials with outcome assessed by product-limit estimates of failure
Michel Vaillant, Piero Olliaro (Luxembourg, Switzerland & UK)

Validating and promoting ‘rapid ethical assessment’ as a practical method for enhancing ethical conduct of tropical disease research projects in developing countries
Addisie A., Mitiku I. (Ethiopia)

Treatment outcomes for multidrug resistant tuberculosis patients under dots-plus in developing countries: Systematic review and meta-analysis
Yonatan Moges, Kelemu Tilahun, Sibhatu Biadgilign (Ethiopia)

Usefulness of PET-CT for the diagnosis of tuberculosis
Adrián Sánchez-Montalvá, Fernando Salvador, Nuria Saborit, Marta Barios, Teresa Tórtila, Ana Villar, Israel Molina (Spain)

Herbal antimalarial, *Azadirachta indica*, decreases blood pressure and heart rate in Sprague Dawley rats
Kabilis, D.E., Anigbogu C.N. (Nigeria)

Performance of a Clinical Prediction Score for Targeted Creatinine testing in Africa
Martin Herbas Ekot (Congo-Brazzaville)

The Use of C-Reactive Protein Test in the Management of Febrile Patients from Korogwe District Hospital, Tanzania
Mahende C., Nsagaba B., Lusungu J., Märtensson T., Lushino P., Lemnge M., Mmbando B., Premji Z. (Tanzania, Denmark & Sweden)

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

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

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

Safety of RVSV ebola vaccine, after 6 months follow-up, in adults: A phase 1 trial conducted in Lambaréné, Gabon
Fernández JF, Bache EB, Obiang RM, Kabwende L, Mordmüller B, Krishna S, Krensmann PG, Grobusch MP, Agnandji ST (Gabon, Germany, The Netherlands & UK)

Comparison of three diagnostic methods for malaria, rapid test of malaria (RDT), microscopy and Seminested Multiplex PCR in Bata District (Equatorial Guinea)

Introducing single dose liposomal amphotericin b for the treatment of visceral leishmaniasis in Nepal: An experiences to support ongoing elimination programme
Karki P, Uraw S, Kattel V, Acharya B, Singh N (Nepal)

The potential impact of splenectomy in treatment of visceral leishmaniasis in a multi-experienced HIV-infected patient
Chiappetta S., Guffanti M., Cernuschi M., Bossolasco S., Maillard M., Cesonari N., Boeri E., Racca S., Castagna A., Gaiera G. (Italy)

Low probability for Zika virus (ZIKV) circulation in pregnant women from Madagascar in 2010 and evidence for cross-reactivity in malaria infected individuals leading to false positive anti-ZIKV IgG ELISA tests
Norbert G. Schwarz, Eva Mertens, Doris Winter, Oumou Maiga-Assafaré, Denise Dekker, Stephanie Jansen, Dennis Tappe, Njary Randrianampampionona, Jürgen May, Raphael Rakotozandrindrainy, Jonas Schmidt-Chanasit (Germany, Ghana & Madagascar)

rHAT Sero-Strip, a new rapid diagnostic test for *gambiense* sleeping sickness using recombinant antigens
Büscher P., Mertens P., Gillman Q., Rooney B., Rogé S. (Belgium & UK)

Optimization of the dna extraction and real-time PCR for low parasitemia leishmania infections
Adam E., Van der Auwera G., Doleckova K., Adriaensen W., Van den Bosche D., Dio E., van Grienden J., Cinops L. (Ethiopia & Belgium)

Cost-effectiveness analysis of new diagnostic tools for cutaneous leishmaniasis in Afghanistan
Céline Aerts, Martijn Vink, Albert Picado, Saavedra Psallouti, Samir Nahzat, Iris Cruz, Elisa Siconi (Spain, The Netherlands, Switzerland & Afghanistan)

Accuracy of a rapid test for the diagnosis of cutaneous leishmaniasis in patients with suggestive skin lesions in Morocco
Issam Benni, Kristien Verdonck, Myriam Riyad, Nora el Khaoufai, Hajiba Fellah, Hamid Sahibi, Gert Van der Auwera, Jean-Claude Dujardin, Marleen Boelaert (Morocco & Belgium)

Comparison of two Zika virus serological techniques and the influence of previous Dengue infection for the screening of asymptomatic pregnant women in a reference centre in Barcelona
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., Phee C., San C., Kuipers L., Teav S., Phe T., Jacobs J. (Belgium, Cambodia & USA)

Diagnostic accuracy of point-of-care circulating cathodic antigen, formalin-ether concentration and kato-katz techniques for *Schistosoma mansoni* infection in Niono, Mali
Hassan H. M., Fofana, Renion Soyay, Soren L. Becker, Ali Landouzi, Katja Polman, Francois Chappuis, Marleen Boelaert, Mamadou S. Traore, Jörg Utzinger; Moussa Sacko (Mali, Switzerland, Germany & Belgium)

Diagnostic Indicators to distinguish between Dengue and Other Febrile Illnesses and Predictors for Severe Dengue – Results from the IDAMS Study

Formulation and evaluation of quinine hydrochloride loaded ethosones
Agbo C.P., Nwabueze H.U., Offer E.N., Attama A.A. (Nigeria)

Antibiotic Stewardship Programs in Hospitals in Low-and Middle Income Countries: Current Status, Priorities and Barriers
Cox J.A., Jacobs J., Vliegehe E. (Belgium)

Improving basic hygiene among health care workers through ebola-training: A field perspective
Kaboré R.P., Kaboré D.S.R., Zida S., Ouedraogo N.W., Verbeek L., Gies S. (Burkina Faso & Germany)

Clinical mentoring via mobile teams - a new approach to visceral leishmaniasis care in resource-constrained settings in Africa
Margriet den Boer, Merce Herrero, Mounir N’Diaye, Abdoulaye A Djiméde A, Grant Dorsey, Andreas Mätrenson A, Corine Karembe, Piero L Olliario (Thailand, The Gambia, Belgium, Senegal, Mali, USA, Sweden, Switzerland & UK)

Metabolic syndrome and associated factors among HIV patients taking antiretroviral treatment in Ethiopia
Mesfin N., Getachew A, Fasika S, Bayisa M, Demisse AG, Abebe SM (Ethiopia)

Skin cancers of the head and neck in black albinos
A cross sectional study in a Teaching University Hospital of Cameroon
Bola Stafa A., Djomou F., Atenguena E. (Cameroon)

Oncocerciasis-associated neurodevelopmental deficits: The hit squad

Chronic multi-morbidity among bangladeshi adult population
Khan N., Rahman M., Afzana K. (Bangladesh)

Prevalence of selected cardiovascular risk factors in ART-naive HIV infected patients in Lilongwe, Malawi
Neuhann F, Phiri S, Hetter T, Chaweza T, Tewya H, Fätkenheuer G, Demir M, Steffen HM (Germany & Malawi)

Acute pancreatitis in Albanian patients with HFRS
Pueca E, Qyra E, Muco E, Qato M, Tomini E, Pipero P, Kote M, Bino S (Albania)

Epidemiology and Clinical Presentation of MERSCoV in Saudi Arabia: A Systematic Review
Shaif Hussain Alqahtani, Muteb Nasser Aldawarsi (Saudi Arabia)

Serore prevalence and risk factors for hepatitis B and C virus infections among non-pregnant, healthy mothers in Addis Ababa city administration, Addis Ababa, Ethiopia
Blazin H., Abebe T., Mihret A. (Ethiopia)

Identification of approved drugs that have activity against *Plasmodium falciparum* using in silico and in vitro approaches

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Biomedical and social support to vulnerable people affected by Tuberculosis in Guatemala: An effective governmental and non-governmental partnership implementation
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Attitude of health care workers towards people living with HIV/AIDS (health care workers perspective) in Calabar Metropolis, Cross River State, Nigeria

Burden of latent tuberculosis among HIV and HCV co-infection and its impact on HCV therapy in Nepal: A pilot study
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Impact of BCG vaccination on global survival of children up to 1 year in rural Burkina Faso
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Assessment of tuberculosis under-reporting through inventory studies in 3 European Union Member States
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Household contact tuberculosis investigation under re-engineered primary health care in the Free State Province, South Africa
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Malaria resurgence after control activities cease due to an outbreak of ebola in Guéckédou, Guinea: A modeling study
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Evolving governance options to enhance equitable data sharing


One World Doctors: A new global platform of cross-border medical services

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Denial of health services for the stateless Rohingya refugees: Failure of muslim fellowship and humanity
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