

10th European Congress on Tropical Medicine and International Health



Antwerpen, Belgium

16-20 October 2017

Preliminary Programme



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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



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

17:30 **Plenary Keynote Talks**

Leadership and ownership in tropical health research

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

The past, present and future of tropical diseases in Europe

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

18.30 **Welcome Reception**



Programme at a glance - Tuesday 17/10

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
08.30 - 10.00	Plenary Talks					
10.00	Coffee Break					
10.30 - 12.00	3S1 Arboviruses	3S3 Malaria (clinical)	4S1 HAT - Elimination	5S1 Patients and Communities	5OS2 Experiences in capacity building	1S1 Diagnostics 1 - Serology and hemo-culture
12.00	Lunch Break					
13.30 - 15.00	3S2 Ebola and other viruses	3OS2 New Clinical Developments of Antimalarials	4OS1 Phase II/III results for fexinidazole, the first oral treatment for human African trypanosomiasis (HAT)	5S2 Health Services into Health Service Organisations	6OS1 Building capacity for policy influence and health systems management	1S2 Diagnostics 2 - DNA-based assays
15.00	Coffee Break					
15.30 - 17.00	3OS1 Zika: epidemiology and clinical manifestations	8S1 Malaria in Pregnancy	4S2 Outbreak	5OS1 Patient Centered Care (PCC)	4S4 SOC	3OS4 Raising standards and quality of Parasite diagnostics in non-endemic clinical settings using molecular and lateral flow technologies
17.00 - 18.30	1OS1 ZIKA: EU funded Zika research: ZIKAction, ZIKAlliance, ZikaPLAN	8S2 Malaria in Children	4S3 Spatial	5S3 Health Policies	3OS3 Nodding syndrome: Interdisciplinary findings and ways forward in prevention and treatment	3OS5 New developments in the diagnosis of imported parasitic infections in Europe

Programme at a glance - Tuesday 17/10

	Room 7	Room 8	Room 9	e-Room 1	e-Room 2
08.30 - 10.00					
10.00	Coffee Break				
10.30 - 12.00	2S1 Surveillance arboviruses	8S3 Sexual and Reproductive Health Rights	9S1 Emerging voices		
12.00	Lunch Break				
13.30 - 15.00	2S2 Vectors and transmission of arboviruses	8S4 Sexual and Reproductive Health	9S2 Student initiatives - ways of creating an international environment Four alternative ways to improve internationalization at home	3OS6 Integrating mental health into local health systems: low and middle income country	
15.00	Coffee Break				
15.30 - 17.00	2S3 Tremadodes	8OS1 Abortion and post abortion care: Politics, religion, public health, health care and legal systems	9S3 Training on Neglected Tropical Diseases; are you brave or crazy?	3OS7 Validity of a minimally invasive autopsy approach for cause of death determination in deaths in low and middle income countries	5OS3 Quality improvement and patient safety in low and middle income countries
17.00 - 18.30	2S4 Oncho & Modelling	8S5 HIV	9S4 Transglobal Health programme		

08.30

Plenary Talks**New tools for vector control**

Steven W. Lindsay, Durham University, UK

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

10.30

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

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

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

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

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

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

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

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

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

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

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

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

12.00

Lunch Break and Poster Viewing

15.30

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

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

Inclusion of pregnant women in ebola clinical trials

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

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

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

Presence of defective HTLV-1 provirus in Peruvian asymptomatic carriers

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

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

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

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

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

15.00

Coffee Break

15.30

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

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

17.00

1OS1 - EU funded Zika research: ZIKAction, ZIKAlliance, ZikaPLAN**Organisers:**

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



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

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

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

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

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

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

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

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

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

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

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

Willis P.A. (Switzerland)

12.00 **Lunch Break and Poster Viewing**13.30 **3OS2 - New Clinical Developments of Antimalarials****Organisers:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Badenschier F. (Germany & UK)

Catching the risk of measles outbreaks in a clustered society

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

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

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

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

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

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

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

17.00 **4S3 – Spatial****Considering the spatial heterogeneity of dengue transmission for designing an *Aedes* control strategy**

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

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

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

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

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

Mapping of leprosy cases as a tool for rationalizing contact screening

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

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

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



10.30 **5S1 - Patients and Communities**

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

Inequities in utilization of reproductive and maternal health services in Ethiopia
Firew Tekle Bobo, Elias Ali Yesuf, Mirkuzie Woldie (Ethiopia)

Community participation and the right to health for people with disability: A qualitative study into Health Committees' understanding and practise of their governance role in relation to disability
Abrahams T.W.J. (South Africa)

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

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

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

Assessing health systems under stress: Lessons from Zimbabwe
Witter S., Carasso K.B., Naylor M., Ngwaru T., Caffrey M. (UK, Belgium & South Africa)

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

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

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

17.00 **5S3 - Health Policies**

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

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

Models of engagement between the state and faith sector in Sub-Saharan Africa: A systematic review
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 Viewing

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

4S4 – SOC

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

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

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

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

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

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

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

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

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

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

17.00

3OS3 - 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 **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)

Challenges in diagnosing cocirculating and cross reacting dengue, zika and chikungunya

Latz A., Pereira M. E., Berlie R. (Germany)

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

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

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

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

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

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

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

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

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

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

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

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

An automated method for the identification of Dengue, Zika, yellow fever and Chikungunya virus species and genotypes

Alcantara L.C.J., Faria N., Nunes M., Libin P., Fonseca V., Theys K., Cuypers L., Abecasis A., Vandamme A.-M., de Oliveira T. (Brazil, UK, Belgium, Portugal & South Africa)

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 **3OS4 - 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 **3OS5 - New developments in the diagnosis of imported parasitic infections in Europe****Organisers:**

Lisette van Lieshout (MSc, PhD)

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

Marjan van Esbroeck (MD)

Institute of Tropical Medicine (ITM), Antwerp, Belgium



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Invasive mosquito species surveillance in Belgium: Towards a structural plan

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Mathematical modelling of transmission dynamics of *Opisthorchis viverrini*

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

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

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

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

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



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

Bosmans M., 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 de Voorde Wim, Blondeel Karel, the working group on sexual and reproductive health and rights of Be-cause health, the Belgian platform on International Health (Belgium)

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

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

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

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

12.00 **Lunch Break and Poster Viewing**13.30 **8S4 - Sexual and Reproductive Health****Pregnancy incidence and outcomes among female sex workers enrolled in a cohort study in a Kenya urban setting**

Kipyego J., Kaguiri E., Komen A., Kutwa G., Mbowo I., Were E. (Kenya)

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

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

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

Gogoi M., Kumar A. (India)

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

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

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

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

15.00 **Coffee Break**15.30 **8OS1 - Abortion and post abortion care: Politics, religion, public health, health care and legal systems****Organisers:**Maria Lisa Odland, Norwegian University of Science and Technology, Trondheim, Norway
Johanne Sundby, University of Oslo, Oslo, Norway17.00 **8S5 – HIV****Same day ART initiation versus clinic-based pre-ART assessment and counselling for individuals newly tested HIV-positive during community-based HIV testing in rural Lesotho – A randomized controlled trial (CASCADE trial): Preliminary results**
Labhardt N.D., Ringera I., Lejone T.I., Klimkait T., Muhairwe J., Cerutti B., Glass T.R. (Switzerland & Lesotho)**Prevention of mother-to-child transmission of HIV: Postpartum adherence to option B+ until 18 months in Western Uganda**

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

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

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

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

Manzi O.M. (Rwanda)

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

Loevinsohn M.E. (The Netherlands)

Study of the distribution of underreporting of aids cases in Brazil, 2010-2015

Coelho R.A., Benzaken A.S., Cunha A.R.C., Ribeiro R.A., Pinto, F.K.A., Pereira G.F.M. (Brazil)



10.30 **9S1 - Emerging Voices**

Detailed programme TBC

12.00 Lunch Break and Poster Viewing

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

BeMSA Ghent, medical students

15.00 Coffee Break

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

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

17.00 **9S4 - Transglobal Health Programme**

Detailed programme TBC

13.30 **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

15.00 Coffee Break

15.30 **3OS7 - Validity of a minimally invasive autopsy approach for cause of death determination in deaths in low- and middle-income settings****Organisers:**Quique Bassat Clara Menéndez and Jaume Ordi
Barcelona Institute for Global Health, ISGlobal, Barcelona, Spain17.00 **5OS3 - 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

Programme at a glance - Wednesday 18/10

Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
08.30 - 10.00	Plenary Talks					
10.00	Coffee Break					
10.30 - 12.00	50S4 Poor quality medicines: a hidden threat to health systems and international health	30S8 How to stop global antibiotic resistance?	4S5 Malaria	5S5 Risk Factors and NCD	5S6 Human Resources into Health Workforce	1S3 Molecular Biology and Epidemiology - Before whole genome sequencing
12.00	Lunch Break					
13.30 - 15.00	5S4 Drugs, Diagnostics & Supplies	3S4 Antibacterial resistance	40S3 Targeted malaria elimination in the Greater Mekong Subregion using mass drug administrations	50S5 Tackling the non-communicable disease epidemics in low- and middle income countries	50S6 Human resources for health in low income countries and complex settings: an opportunity to address global challenges?	1S4 Molecular Biology and Epidemiology - 2nd generation tools: whole genome sequencing and hereafter
15.00	Coffee Break					
15.30 - 17.00	70S1 How does global trade impact health? Panel debate	30S9 Non-malarial Febrile illness in the Tropics: the ultimate clinical challenge?	2S5 Malaria vectors and transmission	70S2 Refugee mental health in the global south and north: current research and best practices	5S7 Data	10S2 Genomics in the tropics: the example of Salmonella
17.00 - 18.30	Pemièrre screening of a film on Peter Piot's life and work					

Programme at a glance - Wednesday 18/10

Time	Room 7	Room 8	Room 9	e-Room 1	e-Room 2
08.30 - 10.00					
10.00	Coffee Break				
10.30 - 12.00	40S4 Using the One Health Concept for preparedness of Emerging Diseases	8S6 Child Mortality	5S8 Financing	60S2 Collaborative initiatives for capacity building and education	
12.00	Lunch Break				
13.30 - 15.00	2S6 Zoonoses	8S7 Child Health Problems	50S7 Scratching beyond the surface: methods for and cases of under-documented issues in Performance-Based Financing (PBF)	60S3 Collaborative initiatives for capacity building and education	
15.00	Coffee Break				
15.30 - 17.00	30S10 Hepatitis c care in resource-constrained settings. Do we have a scalable public health approach anno 2017?	4S6 HELM	50S8 Strategic financing: Concept and field applications from 6 partner countries	Journalism session The impact of science and journalism on global health	80S2 Crisis in the Mediterranean: Trainign health care providers for working with refugees, forced migrants and asylum seekers
17.00 - 18.30					

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

Julio Martin, GSK Spain
Hans V. Hogerzeil, Groningen University, The Netherlands

10.30 **5OS4 - 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 Viewing**13.30 **5S4 - Drugs, Diagnostics & Supplies****The quality of artemether-lumefantrine combination and characteristics of pharmacies in the Periurban areas of Kinshasa**

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

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

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

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

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

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

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

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

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

17.00 **Premiere screening of a film on Peter Piot's life and work**

Followed by a Q&A session

10.30 **3OS8 How to stop global antibiotic resistance? How to translate the WHO Global Action Plan for the field reality of low-resources settings?****Organiser:**

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

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

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

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

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

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

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

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

Vlieghe E. (Belgium)

15.00 **Coffee Break**15.30 **3OS9 - Non-malarial Febrile Illness in the Tropics: The ultimate clinical challenge?****Organiser:**

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



10.30

4S5 – Malaria**Pregnant women as sentinels: a pragmatic approach to malaria surveillance**

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

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

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

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

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

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

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

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

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

12.00

Lunch Break and Poster Viewing

13.30

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

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

15.00

Coffee Break

15.30

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

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

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

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

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

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

Evidence of cuticular resistance to pyrethroids in *Anopheles gambiae*

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

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

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



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

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

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

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

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

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

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

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

12.00 Lunch Break and Poster Viewing

13.30 **5OS5 - Tackling the non-communicable disease epidemics in low- and middle income countries****Organisers:**Josefien Van Olmen and Jeroen De Man
ITM, Public Health Department and the Be-cause Health NCD group

15.00 Coffee Break

15.30 **7OS2 - Refugee mental health in the global south and north: Current research and best practices****Organisers:**Nandini D.P. Sarkar, Equity and Health Unit, Department of Public Health
Institute of Tropical Medicine, Antwerp, Belgium
Christiana Noestlinger, HIV and Sexual Health Unit, Department of Public Health
Institute of Tropical Medicine, Antwerp, Belgium10.30 **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 Viewing

13.30 **5OS6 Human resources for health in low income countries and complex settings: An opportunity to address global challenges?****Organisers:**Stefaan Van Bastelaere, Belgian Development Agency Brussels, Belgium
Anne Fromont, School of Public Health, Université Libre de Bruxelles, Brussels, Belgium
Bertone MP, ReBUILD & Institute for Global Health and Development, Queen Margaret University, Edinburgh, UK
Remco Van De Pas, Institute of Tropical Medicine, Antwerp, Belgium
Mit Philips⁵, Médecins Sans Frontières Operational Centre Brussels, Analysis department, Brussels, Belgium
Nimer Ortuño-Gutiérrez: Damien Foundation, Brussels, Belgium

15.00 Coffee Break

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

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

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

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

Syndromic surveillance network in Senegal

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

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

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

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

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



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

Molecular epidemiology of *Plasmodium vivax* in Solomon Islands

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

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

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

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

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

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

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

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

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

12.00 Lunch Break and Poster Viewing

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

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

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

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

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

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

Gerd Pluschke (Switzerland)

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

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

Direct sequencing of *Leishmania* genome in clinical samples

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

15.00 Coffee Break

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

Organiser:

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



10.30 **40S4 - Using the One Health Concept for preparedness of Emerging Diseases**

Organisers:

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

12.00 **Lunch Break and Poster Viewing**

13.30 **2S6 – Zoonoses**

Viral pathogens at the human-wildlife interface in DRC: Wild mammals as natural hosts of zoonotic viruses

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

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

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

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

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

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

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

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

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

15.00 **Coffee Break**

15.30 **30S10 - Hepatitis C care in resource-constrained settings - Do we have a scalable public health approach anno 2017?**

Organisers:

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

10.30 **8S6 - Child Mortality**

Seasonal variation in child mortality in rural guinea-bissau

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

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

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

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

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

Saving children's lives with colours

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

12.00 **Lunch Break and Poster Viewing**

13.30 **8S7 - Child Health Problems**

Prevalence of paediatric chronic suppurative otitis media and hearing impairment in rural Malawi: A cross-sectional tele-otoscopy survey

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

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

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

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

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

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

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

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

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

15.00 **Coffee Break**



15.30

4S6 - HELM**Predictive value of ov16 antibody prevalence in different sub-populations for elimination of African onchocerciasis**

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

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

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

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

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

Schistosomiasis among prenatal attendees in the area of Kimpese, Democratic Republic of the Congo

Madinga J., Mupoyi S., Lukanu P., Bakadila D., Matangila J., Speybroeck N., Mitashi P. (Belgium & Democratic Republic of Congo)

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

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

10.30

5S8 – Financing**Who benefits from increased service utilisation? Examining the distributional effects of payment for performance (P4P) in Tanzania**

Binyaruka P., Robberstad B., Torsvik G., Borghi J. (Norway, Tanzania & UK)

Do patients who incur informal payments really receive care a better quality? Evidence from Cameroon

Kankeu Tchewonpi H. (UK)

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

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

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

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

12.00

Lunch Break and Poster Viewing

13.30

5OS7 - Scratching beyond the surface: methods for and cases of under-documented issues in Performance-Based Financing (PBF)**Organisers:**

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

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

15.00

Coffee Break

15.30

5OS8 - Strategic financing: Concept and field applications from 6 partner countries**Organisers:**

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



10.30

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

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

12.00

Lunch Break and Poster Viewing

13.30

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

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

15.00

Coffee Break

15.30

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

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

Organiser:

Roeland Scholtalbers, Institute of Tropical Medicine Antwerp, Belgium

15.30

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

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



Programme at a glance - Thursday 19/10

Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
08.30 - 10.00	Plenary Talks					
10.00	Coffee Break					
10.30 - 12.00	7S1 Health Inequalities	3S5 Mycobacterial diseases	1S5 Vaccinology	5S10 Governance of health systems Managing complexity, managing accountability	6S2 Training and Capacity Building	7S2 Migrant Health
12.00	Lunch Break					
13.30 - 15.00	5OS9 Title TBC	4OS5 Towards improved tuberculosis control – why small countries matter	4S7 Vaccins 1	5OS11 Complex adaptive governance in local health systems	6OS5 Innovative training programmes for local health systems staff	3S6 Traveller / Migrant Health
15.00	Coffee Break					
15.30 - 17.00	6S1 International Partnerships and Collaboration	4OS6 Interrupting leprosy transmission – the unfinished task	4S8 Vaccins 2	5OS12 Strengthening comprehensive and integrated first line care for health & well-being	6S3 International Funding Mechanisms	3S7 Bacterial infections in the Tropics
17.00 - 18.30	7OS3 Global Observatory on Health R&D	6OS4 Preparing for the next epidemic: the need for global collaboration	8OS3 Human papilloma virus vaccines and cervical cancer mortality in sub-Saharan Africa	8OS4 Health Systems, Context and Frontline Provider Decision Making for Maternal and Newborn Health	6OS6 Health cooperation beyond aid	3S8 Challenging Syndromes and co-infections

Programme at a glance - Thursday 19/10

Time	Room 7	Room 8	Room 9	e-Room 1	e-Room 2
08.30 - 10.00					
10.00	Coffee Break				
10.30 - 12.00	3S9 All about Leishmaniasis	3OS12 Unsolved issues in the clinical management of imported tropical infections: a TropNet contribution	1S6 Therapeutic Innovations	8OS7 The power of the image: use of multimedia in health research, advocacy, and dissemination	4OS7 The role of multi-sectoral approaches for the prevention and control of emerging arboviral diseases
12.00	Lunch Break				
13.30 - 15.00	4S9 Leish Control	8S8 Obstetric Care	3S10 Management of Helminthiases	TMIH workshop 1	
15.00	Coffee Break				
15.30 - 17.00	4S10 VL elimination	8OS5 Measuring progress of Safe Motherhood programs	6OS7 Development, validation and implementation of diagnostic tools in resource-limited settings	3OS14 International networks for travel medicine	
17.00 - 18.30	3OS11 New tools and initiatives to combat Antimicrobial Resistance (AMR)	8OS6 Burden of maternal morbidity in low and middle income countries	3OS13 Point-of-Care Ultrasound in infectious diseases in resource-poor areas	8OS8 Social and economic impact of cutaneous leishmaniasis in Latin America	

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

Paul Newton, University of Oxford, UK and LOMWRU, Laos
 Patricia Kingori, Wellcome Trust Society, The Ethox Centre, University of Oxford, UK
 Seye Abimbola, National Primary Health Care Development Agency, Nigeria and
 Sydney School of Public Health, University of Sydney, Australia

10.30 **7S1 - Health Inequalities****State of inequality in malaria services in Sub-Saharan African countries**

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

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

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

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

Ooms Gorik (UK)

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

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

Application of the human rights based approach in Uganda: Assessment of selected health facilities in eight districts

Mulumba M., Nassimbwa J., Kabanda D., Mundrugo-Ogo D. (Uganda)

12.00 **Lunch Break and Poster Viewing**13.30 **5OS9 - Title TBC****Organisers:**

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

15.00 **Coffee Break**15.30 **6S1 - International Partnerships and Collaboration****Miltefosine: A case study of a product development partnership and why a life-saving drug is not available to patients who need it most**

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

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

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

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

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

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

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

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

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

17.00 **7OS3 - Global Observatory on Health R&D****Organisers:**

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



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

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

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

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

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

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

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

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

Evaluation of the benefit of different complementary exams in the search for a TB diagnosis algorithm for HIV patients put on ART in Niamey, Niger

Ouedraogo E., Lurton G., Diallo S. (Niger & France)

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

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

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

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

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

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

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

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



10.30 **1S4 – Vaccinology**

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

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

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

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

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

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

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

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

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

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

12.00 **Lunch Break and Poster Viewing**

13.30 **4S7 - Vaccins 1**

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

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

Trends of circulating vaccine-derived poliovirus isolated in the National Reference Polio laboratory in the Democratic Republic of Congo: 1997-2013

Kavunga H., Yogolelo R., Pukuta E., Muyamuna E., Ahuka-Mundeke S., Muyembe J.J. (DRC)

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

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

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

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

Human papillomavirus vaccination and herd immunity in adult women

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

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

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

15.00 **Coffee Break**

15.30 **4S8 - Vaccins 2**

Introducing vaccination in local markets: A complementary strategy to strengthen the expanded programme of Immunization in Mid-West region (Burkina Faso)

Barro S., Tinto H. (Burkina Faso)

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

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

Field challenges to measles elimination in the Democratic Republic of Congo

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

WHO gap III roadmap to compliance for poliovirus-essential facilities

De Kesel T., Rüdelsheim P. (Belgium)

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

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

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

Organiser:

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



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

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

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

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

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

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

Eerens P. (Belgium)

12.00 **Lunch Break and Poster Viewing**

13.30 **5OS11 - Complex adaptive governance in local health systems- When implementation instruments interact with local politics and shift accountability**

Organiser:

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

15.00 **Coffee Break**

15.30 **5OS12 - Strengthening comprehensive and integrated first line care for health & well-being - Exchange of approaches from low, middle and high income countries, aiming at launching a Community of Practice**

Organiser:

Pol De Vos, Institute Tropical Medicine, Antwerp Belgium

17.00 **8OS4 - Health systems, context and frontline provider decision making for maternal and newborn health – Multi-disciplinary perspectives**

Organisers:

Kerstin Klipstein-Grobusch, Julius Global Health, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, The Netherlands

Irene Agyepong, Research and Development Division, Ghana Health Service, Ghana on behalf of the Accelerate Project Consortium

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

Medical electives – A risky business for all?

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

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

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

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

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

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

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

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

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

12.00 **Lunch Break and Poster Viewing**

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

Organisers:

Valéria Campos da Silveira and Bart Criel

Equity and Health Unit, Dept. of Public Health, Institute of Tropical Medicine, Antwerp, Belgium

15.00 **Coffee Break**

15.30 **6S3 - International Funding Mechanisms**

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

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

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

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

European donors and health system strengthening: A distinct approach?

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

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

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

17.00 **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



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

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

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

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

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

Lafaut D. (Belgium)

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

Nathan Bertelsen, Hawthorne Smith (Turkey & USA)

Family health Doctors Beyond Borders

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

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

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

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

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

Travel-related disease and antibiotic use in immunocompromised travelers

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

Under-diagnosis of rickettsial disease in returning travelers

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

Quinacrine, a nice option

Layne-Roldán P., Herrero-Mateu M. A., Martín-Conde Maite, Requena-Méndez A. (Spain)

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

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

Epidemiological and clinical profile of imported strongyloidiasis from the REDIVI network

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

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

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

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

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

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

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

Prevalence and molecular epidemiology of leptospirosis in Caspian sea littoral, Iran

Naddaf S.R., Garshasbi V., Aghighi, Z., Hassan N., Pooya M., Mostafavi E. (Iran)

Use of antibiotics prior to blood culture sampling in Nepal

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

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

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

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

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

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

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

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

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

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

Lenaerts E., Mukendi D., Mandro M., Dolo H., Ucima Wonya' Rossi D., Ngave F., Colebunders R., Suykerbuyk P. (Belgium, DRC & Mali)

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

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



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

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

10.30

3S9 - All about Leishmaniasis**Accuracy of antigen detection in urine using katex for non-invasive visceral leishmaniasis diagnosis and treatment monitoring in HIV-coinfected patients**

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

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

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

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

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

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

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

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

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

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

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

12.00

Lunch Break and Poster Viewing

13.30

4S9 - Leish Control**Cluster randomised trial and development of a sandfly sex pheromone lure to reduce *Leishmania infantum* infection**

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

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

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

Update on Leishmaniasis Control in Suriname

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

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

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

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

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



15.00 Coffee Break

15.30 **4S10 - VL Elimination**

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

Shyam Sundar (India)

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

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

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)

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

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

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

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

17.00 **3OS11 - 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

10.30 **3OS12 - 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 Viewing

13.30 **8S8 - Obstetric Care**

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

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

Indications for caesarean sections in a rural hospital in Malawi

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

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

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

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

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

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

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

15.00 Coffee Break

15.30 **8OS5 - Measuring progress of Safe Motherhood programs: only a matter of international organizations?**

Organisers:

Vincent De Brouwere and Thérèse Delvaux
Maternal & Reproductive Health Unit, Institute of Tropical Medicine, Antwerp, Belgium

17.00 **8OS6 - Burden of maternal morbidity in low and middle income countries: knowns and unknowns - Measuring and addressing maternal morbidity: the next 5 years**

Organisers:

Véronique Filippi, London School of Hygiene and Tropical Medicine, UK
Lale Say, World Health Organization



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

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

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

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

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

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

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

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

In silico design of novel Zika virus inhibitors

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

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

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

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

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

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

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

Evolution of anthelmintic resistance in the era of preventive chemotherapy

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

What's new on diagnosis and treatment

Buonfrate D., Bisoffi Z. (Italy)

15.00 **Coffee Break**15.30 **6OS7 - Development, validation and implementation of diagnostic tools in resource-limited settings****Organisers:**Michelle Helinski and Ana Lucia Cardoso
European & Developing Countries Clinical Trials Partnership (EDCTP), The Hague, The Netherlands17.00 **3OS13 - Point-of-Care Ultrasound in infectious diseases in resource-poor areas: where are we and which way to go?****Organisers:**Thomas Junghanss, Heidelberg University Hospital, Section Clinical Tropical Medicine, Heidelberg, Germany
Francesca Tamarozzi, University of Pavia, Department of Clinical Surgical Diagnostic and Paediatric Sciences, WHO Collaborating Centre for Clinical Management of Cystic Echinococcosis, Pavia, Italy
Maria Teresa Giordani, San Bortolo Hospital, Infectious and Tropical Diseases Unit, Vicenza, Italy
Sabine Belard, Department of Pediatric Pneumology and Immunology, Charité-Universitätsmedizin Berlin, Germany
Joachim Richter, Institute of Tropical Medicine and International Public Health, Charité-Universitätsmedizin Berlin, Germany
Daniel Kaminstein, Medical College of Georgia at Augusta University, Georgia, USA

10.30

8OS7 - The power of the image: Use of multimedia in health research, advocacy, and dissemination**Organisers:**

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

12.00

Lunch Break and Poster Viewing

13.30

TMIH Workshop 1

15.00

Coffee Break

15.30

TMIH Workshop 2

12.00

Lunch Break and Poster Viewing

13.30

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

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

15.00

Coffee Break

15.30

3OS14 - International Networks for Travel Medicine**Organiser:**

TropNet
 Swiss Tropical Institute of Public Health, Basel, Switzerland

17.00

8OS8 - Social and economic impact of Cutaneous Leishmaniasis (CL) in Latin America: A patient's perspective to inform better treatments and study design**Organisers:**

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



Programme at a glance - Friday 20/10

08.30 - 10.00	Room 1	Room 2 6OS8 Give-and-take: sharing and using health research and programme data for improved impact	Room 3 6OS9 The secrets of effective networks -5 case studies focusing on structure and functioning of multi-stakeholder platforms	Room 4 6OS10 From tropical medicine to global health: presenting an educational evolution, responding to human	Room 5 5OS13 Asset management in LMICs: A challenge with multiple answers
10.00	Coffee Break				
10.30 - 12.00	Plenary Talks				
12.00	Closing Ceremony				
12.30	Lunch				

10.30

Plenary Talks**Malaria elimination**

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

Keeping Fives Alive Project in Ghana

Sodzi Sodzi-Tettey, Institute for Healthcare Improvement, Ghana

12.00

Closing Ceremony

12.30

Farewell Lunch

08.30

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

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

Alessandro Bartoloni, University of Florence and SIMET, Italy

10.00

Coffee Break



08.30

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

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

10.00

Coffee Break

08.30

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

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

10.00

Coffee Break



08.30

5OS13 - Asset management in LMICs: a challenge with multiple answers**Organisers:**

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

10.00

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

Pasche V., Keiser J. (Switzerland)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Anti-cancer potential of *Fasciola hepatica* extracts

Botelho M.C., Alves H., Richter J. (Portugal & Germany)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MRDT(Malaria Rapid Diagnostic Test): *P.vivax* pLDH cross react with *Denguevirus* (DENV)?

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

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

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



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

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Prevalence of hepatitis C virus co-infection among patients enrolled in routine HIV care in three outpatient departments with varying risk profiles in Phnom Penh, CambodiaIwamoto M., Kim S.C., Suonsopheak M., Sangky L., Dimanche C., Heang S., Islam S., Chikwanha I., Balkan S.¹ Maman D. (Cambodia)**Infectious aetiology of persistent digestive disorders (≥2 weeks) in Niono, Mali, and implications for treatment**

Renion Saye, Sören L. Becker, Hassan K. M. Fofana, Mama Niélé Doumbia, Katja Polman, Marleen Boelaert, François Chappuis, Mamadou S. Traoré, Jürg Utzinger, Moussa Sacko (Mali, Switzerland, Germany & Belgium)

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

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Still mesoendemic onchocerciasis in two Cameroonian community-directed treatment with ivermectin projects despite more than 15 years of mass treatment

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