10th European Congress on Tropical Medicine and International Health

Antwerpen, Belgium
16-20 October 2017

Preliminary Programme

www.ECTMIH2017.be
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## Programme

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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**

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<td>3S3 Malaria (clinical)</td>
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<td>5S1 Patients and Communities</td>
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<td>3S2 Ebola and other viruses</td>
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<td>3OS4 Raising standards and quality of Parasite diagnostics in non-endemic clinical settings using molecular and lateral flow technologies</td>
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<td>3OS5 New developments in the diagnosis of imported parasitic infections in Europe</td>
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**Programme at a glance - Tuesday 17/10**

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<td>2S1 Surveillance arboviruses</td>
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**Monday**

**Plenary Talks**

08.30

New tools for vector control
Steven W. Lindsay, Durham University, UK

Debate: Doing development differently: The future role of international cooperation
Christine 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
Vervaek 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

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., Botteau E., Jacobs, J., Shioca T., Huits R. (Belgium & Japan)

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

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

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

12.00 Lunch Break and Poster Viewing

**Tuesday**

**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., Botteau E. (Belgium, Democratic Republic of Congo, Canada & Switzerland)

Presence of defective HTLV-1 provirus in Peruvian asymptomatic carriers
Mora R., Rosado J., Falcóni-Agapito F., Ocampo C., Gotuzzo E., Alvarez C., Talledo M. (Peru)

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

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., Claassens S., Spengane Z., Leiloenya 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 PV, 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, Dionis Gamboa, Umberto D’Alessandro, Alejandro Llanos (Belgium, Peru & Gambia)

Low dose primaquine efficacy and safety: A review and individual patient data meta-analysis  
Humphreys G.S. on behalf of the WWARN Single Low Dose Primaquine Study Group (UK)

HRP-2 based RDTs performance among febrile pregnant women in area of high transmission area  
Tahita M.C., Sorgho H., Bamba S., Lompo P., Traore M., Tinto H. (Burkina Faso)

The consequences of censoring new infections when deriving antimalarial efficacy against uncomplicated *P. falciparum* malaria  
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 PA. (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 International Health (DTG) and Director of Center of Excellence for Tropical Medicine in the state of Baden-Württemberg; Professor Dr. Peter G. Kremsner, Co-partner site International Health (DTG) and Director of Center of Excellence for Tropical Medicine in the state of Baden-Württemberg; Professor Dr. Peter G. Kremsner, Co-partner site

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  

Safety of antimalarial drug use during early pregnancy in Bobo Dioulasso: Examining low birth weight and congenital malformations as potential adverse outcomes  
Rouamba T., Kpoda H., Valia I., Mens PF., 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  

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

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

17.00 **8S2 - Malaria in Children**

Delivery strategies of malaria chemoprevention for post-discharge management of children with severe anaemia in Malawi  
Gondwe T., Robbested B., Mukaka M., Banda S., Lange S., Blomberg B., Phiri K.S. (Malawi, Norway & USA)

Impact of a malaria rapid diagnostic test detecting *Plasmodium falciparum*-specific histidine-rich protein-2 (RDT-PHRP2) on the management of febrile children under-5 years of age in a high seasonal malaria transmission area  
Kiemde F., Bonko A., Tahita M.C., Lompo P., Beele van Hensbroek M., Tinto H., Mens PF., 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., Compaoeren 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  
Compaaore A., Gies S., Brabin B.J., Tinto H., Brabin L. (Burkina Faso, Belgium, Germany, UK & The Netherlands)

Malaria risk in in young children after periconceptional iron supplementation of mothers in rural Burkina Faso  
Gies S., Diallo S., Tinto H., Brabin L., Roberts S., D’Alessandro U., Brabin B.J. (Belgium, Germany, Burkina Faso, UK; Gambia and The Netherlands)

Impact of micronutrient powders combined with malaria chemoprevention on anemia, malaria and cognitive development: a cluster-randomised study in Malian children  
Diarra N.H., Roschtkin 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)
A One HEALTH team to improve Monkeypox virus outbreak response: An example from the Democratic Republic of the Congo


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

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

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., Mpanya A., Claeys Y., Fukinsia A., Matovu E., Torr S., Biéler S., Bessel P.R., Ndung’u J.M. (DRC & Belgium)

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

Lumbala C., Kayenbe S., Bessel P.R., Picado A., Biéler S., Ndung’u J.M. (DRC, UK & Belgium)

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., Bessel 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)


Innovative methods of case finding to achieve elimination of human African trypanosomiasis in the 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)

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)

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


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)
### 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 Wolde (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., Gupt A., Ummer O., Ved R. (India & South Africa)

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### 12.00 Lunch Break and Poster Viewing

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### 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’Altilla, 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)

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### 15.00 Coffee Break

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### 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)
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 – 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, Tuong Minh Hieu, Nguyen Van Hong, Johanna Helena Kattenberg, Eduard Rovira-Valibona, Tran Thanh Duong, Anna Rosanas Urgell, Koen Peeters Grietens, Annette Erhart (Belgium, Vietnam & Gambia)

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

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

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

*Including refugees in disease elimination: Challenges observed from a sleeping sickness programme in Uganda*
Palmer J.J., Robert O., Kansiime F. (UK & Uganda)

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., Berle 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., Bieler S., Kayembe S., Makabuza J., Ongarelo S., Ndung’u J.M. (Democratic Republic of Congo & Switzerland)

Finding Mimic: Developing an alternative rapid test for the serodiagnosis of visceral leishmaniasis in Eastern African populations
Kühne V., Dero E., El-Saif 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
Brenner Hinckel B.C., Marlis T., Ams S., Imamu H., Dugardin 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., Böhken-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., Mariani I., Saar M., Zwiglimaier K., Wiedemann F., Bretzel G., Ndung’u J.M., Cruz I., Abiordey A. (Germany, Ghana, Togo & Switzerland)

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

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

15.00  Coffee Break

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**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

**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
2S1 - Surveillance arboviruses

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

West Nile surveillance and response in Italy: A one health approach
Parodi P., Rizzo C., Albonico M., Caizolari M., Chiarì 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

12.00 Lunch Break and Poster Viewing

2S2 - Vectors and transmission of arboviruses

Antiviral drug-resistant Chikungunya viruses can be transmitted by their mosquito vectors
Delang L., Yen P., Vazelle M., Neyts J., Failloix 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., Sohier C., Van Loo T., De Witte J., Madder M., Coosemans M. (Belgium, South Africa & The Netherlands)

Expanding IR Mapper: Mapping insecticide resistance in Anopheles species, Aedes aegypti and Aedes albopictus
Hadi M.P., Athinya, D.K., Omondi S.A., ochomo E.O.², Pates Jarnet H. (Kenya & USA)

15.00 Coffee Break

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

Dynamics of Schistosoma 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

Antiviral drug-resistant Chikungunya viruses can be transmitted by their mosquito vectors
Delang L., Yen P., Vazelle M., Neyts J., Failloix 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
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Expanding IR Mapper: Mapping insecticide resistance in Anopheles species, Aedes aegypti and Aedes albopictus
Hadi M.P., Athinya, D.K., Omondi S.A., ochomo E.O.², Pates Jarnet H. (Kenya & USA)

15.00 Coffee Break
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**  
Maynew, 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., Michielsen K., Van Braeckel D. (Belgium)

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

12.00  **Lunch Break**

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**  

**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” - Controverses of sexual pleasure, pain and Female Genital Mutilation among African migrants in Belgium, the Netherlands and the UK**  
Zewolde S., Florquin H., Bos M., Dubourg D., Richard F., O’Neill S. (UK, Belgium & The Netherlands)

15.00  **Coffee Break**

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

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

17.00  **8S5 – HIV**

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

**Prevention of mother-to-child transmission of HIV: Postpartum adherence to option B+ until 18 months in Western Uganda**  
Theuring S., Decker S., Rempis E., Schnack A., Braun V., Rubaihayo J., Busingye P., Turwesige 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, Mulukun 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)
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<td>10:30</td>
<td><strong>9S1 - Emerging Voices</strong></td>
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<td>Detailed programme TBC</td>
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<td>12:00</td>
<td>Lunch Break and Poster Viewing</td>
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<td>13:30</td>
<td><strong>9S2 - Student initiatives – Ways of creating an international environment:</strong></td>
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<td>Four alternative ways to improve internationalization at home</td>
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<td><strong>Organisers:</strong> BeMSA Ghent, medical students</td>
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<td>15:00</td>
<td>Coffee Break</td>
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<td>15:30</td>
<td><strong>9S3 - Training on neglected tropical diseases: Are you brave or crazy?</strong></td>
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<td><strong>Organiser:</strong> EuroLeish.net, Marie Sklodowska-Curie – Innovative Training Network, Coordinated by ISGlobal, Barcelona, Spain</td>
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<td>17:00</td>
<td><strong>9S4 - Transglobal Health Programme</strong></td>
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<td>13:30</td>
<td><strong>3OS6 - Integrating Mental Health into Local Health Systems (LHS): Low and Middle Income Country (LMIC) experiences</strong></td>
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<td><strong>Organisers:</strong> Nandini D.P. Sarkar and Bart Criel</td>
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<td>Equity and Health Unit, Department of Public Health</td>
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<td>Institute of Tropical Medicine, Antwerp, Belgium</td>
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<td><strong>Coffee Break</strong></td>
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<td>15:30</td>
<td><strong>3OS7 - Validity of a minimally invasive autopsy approach for cause of death determination in deaths in low- and middle-income settings</strong></td>
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<td><strong>Organisers:</strong> Quique Bassat, Clara Menéndez and Jaume Ordi</td>
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<td>Barcelona Institute for Global Health, ISGlobal, Barcelona, Spain</td>
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<td>17:00</td>
<td><strong>5OS3 - Quality Improvement and patient safety in low and middle income countries: Considerations on feasibility, challenges and success factors</strong></td>
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<td><strong>Organiser:</strong> Michael Marx, University of Heidelberg, Institute of Public Health, Heidelberg, Germany</td>
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<td>In collaboration with evplan GmbH at University Hospital Heidelberg, Germany</td>
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08.30 **Plenary Talks**  
**Speakers:**  
Julio Martín, 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 **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 Naiona J., Hubert P., Michel B., Regnster J.Y., Frédérich M., Marin 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  
Liebset 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., Palpougui 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?**  
**Meta-analysis of proportion estimates of extended-spectrum-beta-lactamase-producing Enterobacteriaceae in East Africa hospitals**  
**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., Chackky F., Mandike R., Mohamed A., Lengeler C., Molteni F., Hetzel M. (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 Wonwui, 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 Kakona, 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 panafrican Great Green Wall initiative implementation, Burkina Faso, West Africa

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

The effectiveness of a topical repellents and long-lasting insecticidal nets on mosquito populations in a malaria pre-elimination setting of Cambodia
Mao S., Durnez L., Coosemans M. (Cambodia & Belgium)
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., Agymang 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., Diaz Piéra A., Maldonado Cantillo G., Balcirúes Acosta S., Van der Stuyft P. (Belgium & Cuba)

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

How are resource-limited countries addressing global versus national implementation challenges in diabetes prevention and control? The Kenya experience
Shiroya VN., Deckert A., Mayeden S., Neuharm 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
Christian Naestling, HIV and Sexual Health Unit, Department of Public Health Institute of Tropical Medicine, Antwerp, Belgium

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 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 Philips, Médecins Sans Frontières Operational Centre Brussels, Analysis department, Brussels, Belgium
Nimer Ortúñor-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

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

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

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

**10S2 - Genomics in the tropics: the example of Salmonella**

Organiser:

Bacterial Infections in the Tropics (BIT) research cluster, ITM Antwerp (Belgium)
10.30  **4OS4 - Using the One Health Concept for preparedness of Emerging Diseases**

Organisers: The Post-Ebola Resilience Project Consortium Partners
Ankie van der Broek, Junien 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

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12.00  **Lunch Break and Poster Viewing**

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13.30  **2OS - 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., Ikaw A., Monagin C., Jolly D., Mulembakani M.P., Mukuwa 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., Imirzaloglu 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., Vena F., Radaelli M.C., Bellavita 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 Saex A., Cherif M., Jatta B., Camara A., Gabriel M., Günther S., Magassouba N., Borchart M. (Germany & Guinea)

15.00  **Coffee Break**

15.30  **3OS10 - Hepatitis C care in resource-constrained settings - Do we have a scalable public health approach anno 2017?**

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

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10.30  **8S6 - Child Mortality**

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

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

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

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

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

Incidence and characteristics of unintentional injuries among children in a resource limited setting in Kampa, Uganda
Charles Ssemugabo, Trasias 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**

**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., Lukau P., Bakadila D., Matangila J., Speybroeck N., Mitsi 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 Efi-Santé, Université de Liège, Liège, Belgium

**Coffee Break**

15.00  **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
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

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

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
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., Islami M., Alonso S., Mtenga S.M., Agrandi J.T., Sicuri E., Menéndez C., Munguambe K. (Spain, Mozambique, Tanzania & Gabon)
- *Inequalities in global health: Easy to see, hard to define*
  Ooms Gorik (UK)

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

**Application of the human rights based approach in Uganda: Assessment of selected health facilities in eight districts**
Mulumba M., Nassimbi 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 Suryoto, Julien Potel, Eils Tor relieve, Marleen Boelaert (Belgium & Switzerland)
- *CYSTINET-Africa: An interdisciplinary network on *Taenia solium* cysticercosis and taeniosis research as well as capacity building in sub-Saharan Africa*
- *Inequities in investments: a systematic analysis of global funding trends for malaria research in sub-Saharan Africa*
- *Building a visceral leishmaniasis data-sharing platform to optimise treatment and inform future research*
  Guerin P.J., Oikien 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 MSF Ethics Review Board*
  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


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

Ouedraogo A.R., Badoum G., Ouédraogo G., Boncoungou 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 F. Grobusch, Center of Tropical Medicine and Travel Medicine, Academic Medical Center, University of Amsterdam, The Netherlands, Centre des Recherches Médicales de Lambaréné (CERMEL), Lambaréné, Gabon and Institute of Tropical Medicine, University of Tuebingen, Germany

Coffee Break

15.00

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., Miahra N., Marques R.E., Ae-Choi J., Kum D.B., Sanchez Felipe L., Jualander 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, Aphonse Ouédraogo, Sam Coulibaly, Edith Bougouma, Issa N. Ouédraogo, Navin Venkatesaran, Georgina Boywer, Katie Ewer, Nicola Viebig, Amidou Diarra, Gregory Glenn, Odile Leroy, Adrian V. S. Hill, Sidioumon B. Sirima (Burkina Faso, UK, Germany & USA)

- Preclinical development of a new peptide-based vaccine against human leishmaniasis
  - Piisarre J., Holzmüller P., Bras-Goncalves R., Garnoua 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., Caire 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

- Trends of circulating vaccine-derived poliovirus isolated in the National Reference Polio laboratory in the Democratic Republic of Congo: 1997-2013
  - Kavunga H., Yoqolelo R., Fukuta E., Muvawuma 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., Beinsberger 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

13.00  **Coffee Break**

15.00  **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., Nakkers 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-essessential 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

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

Organiser:
Barcelona Institute for Global Health (ISGlobal) - Initiative for Maternal, Child and Reproductive Health. Hospital Clinic, University of Barcelona, Spain
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., Taegtmeyer M., Broere 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

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
Waalwijn 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., Huists R., Zolfo M., Bottleau 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)

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
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| 10.30   | **7S2 - Migrant Health** | A crisis of protection and humane treatment: Violence, physical trauma and deaths among travelers/ 
|         |                          | 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., 
|         |                          | Cohnet S. (France)                                                                            |
|         |                          | Needs versus rights: Moral understandings of healthcare workers and undocumented migrants in 
|         |                          | Belgium regarding access to healthcare                                                         |
|         |                          | Lafaut D. (Belgium)                                                                            |
| 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., Bottieu 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 rickettial disease in returning travelers                                 |
|         |                          | A. (The Netherlands)                                                                           |
|         |                          | Quinacrine, a nice option                                                                     |
|         |                          | Laynez-Roldán P., Hemero-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-VHVO Morbidity sub-Study |
|         |                          | T. Pistone, S. Abgrall, E. Ouattara, N. Lele, D. Gabillard, D. Malvy, O. Bouchaud (France)     |
|         |                          | Epidemiological and clinical profile of imported strongyloidesis from the REDIVI network     |
|         |                          | Salvador F., Treviño B., Herrero-Martínez J.M., Rodríguez-Guardado A., Tomás 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                    |
|         |                          | Florien Bub, Justin K. Chatigre, Joel A. Yao, Jean T. Coulibaly, Lutz von Müller, Katja Polman, 
|         |                          | Markless Boelaert, Eliézer K. N’Goran, Jörg Utzinger, Sören L. Becker (Germany, Côte d'Ivoire 
|         |                          | Belgium & Switzerland                                                                        |
|         |                          | No association between Salmonella intestinal carriage and Schistosoma mansoni infection in healthy 
|         |                          | individuals, Democratic Republic of the Congo                                                |
|         |                          | Lisette Mbuly Karonji, Barbara Babé, Joule Madinga, Clementine Roucher, Gaelee 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., Najufka M., Musinguzi A., Kasumbula 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                                    |
|         |                          | Koiraia K.D., Verdonck K., Barbé B., Khanal B., Bhattari 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-Tanoría 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 Hellemont J., Mbandwire N., Katchanov J., Rothe C. (The Netherlands, Malawi & Germany) |
|         |                          | Point-of-care chest ultrasound in South African children with suspected pulmonary tuberculosis |
|         |                          | Heuvelings T., Bélard S., Andronikou S., Jamieson-Luff N., Grobusch M.P., Zarf H.J. (The Netherlands, South Africa & Turkey) |
|         |                          | Prevalence of neglected infectious diseases in patients with persistent fever in Sihanouk Hospital Center of HOPE, Cambodia |
|         |                          | Phe T., Lim K., Lang 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) |
|         |                          | Lenarët E., Mukendi D., Mando M., Dolo H., Ucinya Wonya'Rosso D., Ngaye F., Colebunders R., Suykerbyuyk P. (Belgium, DRC & Mali) |
|         |                          | Intestinal leishmaniasis as a determinant of response to pentavalent antimony treatment in Peruvian patients with cutaneous leishmaniasis: A case-control study |
|         |                          | Dujardin J.C., Boelaert M. (Peru & Belgium)                                                   |
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)

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

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 Northwestern 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 Northwestern 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)

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

Update on Leishmaniasis Control in Suriname

Suffering in silence: A qualitative study on reasons of delay in seeking care for visceral leishmaniasis in Southern Gedaref, Sudan
Temmy Sunyoto, Atia M. Atia, Gamal Khalid, Gabriel Alcoba, Margriet den Boer, Marleen Boelaert (Belgium, Switzerland & Sudan)

What are the true outcomes of patients declared lost to follow up in a visceral Leishmaniasis program in Sudan?
Atia M. Atia, Margriet Den Boer, Mousab Siddig Elhag, Rogia Ahmed, Gabriel Alcoba, François Chappuis, Johan van Griensven, Zachariah Rony (Sudan, Luxembourg, Switzerland, Belgium & UK)
15.00 Coffee Break

15.30 4S10 - 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


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, Shreenu Akbar, Sakila Akter, Shah Golam Nabi, Aikel Kroeger, Daniel Argaw, Jorge Alvar (Bangladesh, Switzerland & Germany)

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

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

17.00 3OS11 - New tools and initiatives to combat Antimicrobial Resistance (AMR)

Organisers:
Marco Albionico (SIMET), Centre for Tropical Diseases, S. Cuore Hospital, Verona, Italy
Françoise Gay-Andrieu (SPE), bioMérieux, Medical Affairs and Public Health, Marcy l’Étoile, 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 Kom, Josaphat Byamugisha, Susan Miller (USA & Uganda)

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

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

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


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

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

**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., Verbeke 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 Helminthiases**

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

**Egg excretion indicators for the measurement of soil-transmitted helminth response to treatment**
Piero Olliaro, Michel Vaillant, Issatou Diallara, Ellen K. N’Goran, Shaali Arne, 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**

**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
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 Fisher Centre for Public Mental Health, University of Cape Town and Independent Media, Cape Town, South Africa
Ary Rogerio Silva, Pan American Health Organization; International Development – Global Affairs Canada and the Government of Colombia, Washington, USA
Sabine Van Elsland, Stellenbosch University, Dept. Paediatrics and Child Health, Cape Town, South Africa and Desmond and Leah Tutu Legacy Foundation, Cape Town, South Africa
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

Coffee Break

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

**Organiser:**
TropNet
Swiss Tropical Institute of Public Health, Basel, Switzerland

**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

**Room 1**
- Giving-and-taking sharing and using health research and programme data for improved impact
- From tropical medicine to global health: presenting an educational evolution, responding to real human needs

**Room 2**
- Give-and-take sharing and using health research and programme data for improved impact
- The secrets of effective networks: 6 case studies focusing on the structure and functioning of multi-stakeholder platforms

**Room 3**
- From tropical medicine to global health: presenting an educational evolution, responding to real human needs
- The secrets of effective networks: 6 case studies focusing on the structure and functioning of multi-stakeholder platforms

**Room 4**
- Coffee Break

**Room 5**
- Asset management in LMICs: A challenge with multiple answers

**08.30 - 10.00**
- Plenary Talks

**10.00**
- Coffee Break

**10.30 - 12.00**
- Closing Ceremony

**12.30**
- Lunch
<table>
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<tr>
<th>Time</th>
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<tr>
<td>10.30</td>
<td><strong>Plenary Talks</strong></td>
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|       | 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**


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

Sam L. Nsobya, Elizabeth Namirembe, Andrew Walakira, Moses Kiggundu, Emma Ruhamyankaka, Emmanuel Arinaitwe, Moses Kamya, 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, Youiri 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., Chrops 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)

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


**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)

**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., Kaptstein S., Eggermont K., Patel A., Claes C., Guo W., Van Damme P., Van Den Bosch L., Delang L., Verfaillie C., Neys J. (Belgium)

An immunomics approach detects promising candidate antigens for Ascaris Serodiagnosis in pigs and humans
Vainninink J., Dana D., Demeyer L., Mekonnen Z., Wei 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., Bieler S., Ndung’u J.M. (Uganda, Democratic Republic of Congo & Switzerland)

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

Serological tests for gambiense human African trypanosomiasis detect antibiotics in cattle
Matovu E., Kitiwa A., Picado A., Bieler S., Bessell PR and Ndung’u J.M. (Uganda, Switzerland & UK)

In vitro and in vivo anti-malarial activity of extracts from terminalia mantaly (combretaceae)
R.G., Hzounda F.J.B, Boyom F.F. (Cameroon)

In vitro and in vivo anti-malarial activity of extracts from terminalia mantaly (combretaceae)
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For congenital Chagas disease
Matovu E., Lumbala C., Sendagire H., Kazibwe A.J.N., Bieler 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

Effect of Preservation on the Sensitivity of molecular tuberculosis tests
Rutanga J.P., Van Puyvelde S., De Block T., Jacobs J., Muvunyi C.M. and Deborggraeve S. (Rwanda & Belgium)

Identification of early lead compounds with antischistosomal activity from two MMV libraries
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Rutanga J.P., Van Puyvelde S., De Block T., Jacobs J., Muvunyi C.M. and Deborggraeve S. (Rwanda & Belgium)

Lymphoid leukemia
Ibarra-Meneses A.V., Sánchez C., García E., Nieto J., Ortega S., Chicharo 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

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

Can a Zika IGM and IGG immuno blot replace the virus neutralisation test to confirm screening test results?
Van den Bossche D., Foque N., Michiels J., Arlin K.K., Van Estrooec K. (Belgium)

Analysis of Mycobacterium ulcerans-specific T-cell cytokines for diagnosis of Buruli ulcer disease and as a potential indicator for disease progression
Nausch L.1, Antwi-Berko D, Mubarak Y, Abass KM, Owusu W, Owusu-Dabo E, Batsa-Debrah L, Debrah AY, Jacobson M, Phillips R (Germany & Ghana)

The challenge in serodiscordant Chagas Disease: The role of two confirmatory techniques in inconclusive cases
Zaira Moure, Elena Sullero, Laura Iriestra, 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., Vandelenanoot 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 Vael K., Polman, K., Muylemans 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
Nannoli B, Mulders W, Rigouts L. (Belgium)

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

Optimization of the PAXgene Blood RNA system to store Salmonella cells for subsequent RNA analysis
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., Mirjali B.B.F., Zoromodian K., Kananzadeh S. (Iran)

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

Usefulness of Toxocara canis larval low molecular weight excretory-secretory products for diagnosis of human toxocariasis
Sariego I., Rojas L., Cantillo J., Falcón R., Polman K. (Cuba & Belgium)

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

MRDT1 Malaria Rapid Diagnostic Test: Ppvax pLDH cross react with Denguevirus (DENV)?

Neutrophil activation and enhanced release of granule products in HIV-TB immune reconstitution inflammatory syndrome
Influence of age, IPTp-SP, malaria infection and anaemia on naturally acquired antibodies levels to DBL5 and ID1-ID2A and the antibodies’ dynamic during postpartum in a rural setting of Burkina Faso
Traoré O., Yeranga W.I., Sorgho H., Rouamba T., Ouédraogo N.I., Traoré-Coulibaly M., Valéa I., Tinto H., Belem A.M.G., Traoré Y. (Burkina Faso)

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

Distribution of Duffy blood group (Fy) phenotypes among Plasmodium vivax-infected patients in Nouakchott, Mauritania
Hmaiti S., Meziane F., El Ghechhi Z., Mokhtar K., Ndiaye O., Diop M.A., Diouf R., Faye G. (Mauritania & France)

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

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

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

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

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

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

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

Low prevalence of Pfdhfr and Pfdhps genes mutations in pregnant women in Bobo-Dioulasso, Burkina Faso
Soulama A., Cisse M., Awandare A. G., Hayette M-P., Guiguemde T. R. (Burkina Faso, Ghana & Belgium)

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

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

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

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

Molecular profiles of pfdhfr, pfdhps, pfdmtr1 and pfcr genes of Plasmodium falciparum in Bata District (Equatorial Guinea): detection for the first time of mutation 164L in pfdhfr.

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

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

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

Molecular epidemiology of hepatitis B virus in Togo

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

Molecular characterization of Trypanosoma cruzi in 4 Chagas disease patients infected by different routes of transmission
Z. Moure, E. Sulleiro, Ismael Ibáñez, José Miguel Rubio, Andrea Martín, Javier Nieto, T. Pumarola M. Flores Chávez (Spain)

Plasmodium falciparum HRP2 & HRP3 gene deletions in Eritrea
Exploring the Genetic Basis for Human Trypanotolerance in African Populations
Matou E and the TrypanoGEN Network (Uganda)

IL6 promoter gene polymorphism underlying Schistosoma haematobium infection of the first case report of schistosomiasis in Corsica (France, Europe)
Botelho M.C., Cardoso R., Holtfreter M.C., Moné H., Mouahid G., Alves H., Richter J. (Portugal, Germany & France)

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

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

Viability of hookworm ova using metabolic profile

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

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

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

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

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

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

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

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

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

Intra-dermal rabies vaccination in bovine: A life saving protocol
Dr. Omesh Kumar Bharati, Dr. Upinder Kumar Sharma, Dr. Reeta Subramaniam Mani, Dr. Adarsh Kumar, Ms. Archana Phull (India)

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

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

Pneumococcal Vaccine Immunogenicity following allogeneic hematopoietic stem cell transplantation
Langedijk a.c., van aalst m., meek b., grobusch m.p., goorhuis a. (The netherlands)

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

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

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

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

Safety and Immunogenicity of Co-administered Hookworm Vaccine Candidates Na-GST-1 and Na-APR-1 with Alhydrogel® and Glucopyranosyl-Lipid A in Gabonese adults
Ayola Akim Adegini, Sophie de Vries, Jeannot Freus Zinsou, Josiane Honkpedehi, Jean-Clode Dejon Agobe, Aurore Hounkpatin, Marguerite Loembe Massinga, Emmanuel Bache, Nadine Pakker, Remko van Leeuwen, Bertrand Lel, Peter G. Kremsner, Maria Yazdanpanah, Jeffrey Bethony, Peter Hotez, David Diemert, Martin P. Grobusch for the HOOKVAC consortium (Gabon, Germany, The Netherlands & USA)

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

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

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

Feasibility of intermittent preventive treatment in infants: Experience of the Democratic Republic of Congo
Matangila J.R., Likwela J., Tsasa E., Gasigwa D. (Democratic Republic of Congo)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Optimization of the dna extraction and real-time PCR for low parasitemia *leishmania* infections
Adem E, Van der Auwera G, Doleckova K, Adriaensen W, Van den Bossche D, Diro E, van Griensven J, Cnops L (Ethiopia & Belgium)

Cost-effectiveness analysis of new diagnostic tools for cutaneous leishmaniasis in Afghanistan
Céline Aerts, Martijn Vink, Albert Picado, Issam Bennis, Kristien Verdonck, Myriam Riyad, Nora el Khalfaoui, Hajiba Fellah, Hamid Sahibi, Gert Van der Auwera, Jean-Claude Dujardin, Marleen Boelaert (Spain, The Netherlands, Switzerland & Afghanistan)

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

Comparison of two Zika virus serological techniques and the influence of previous Dengue infection for the screening of asymptomatic pregnant women in a reference centre in Barcelona
Diagnostic performance of the InBiOS rapid diagnostic test for the detection of *Burkholderia pseudomallei* in blood culture broth: results of a phase II evaluation study
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Hassan K., M. Fofana, Renion Saya, Sören L. Becker, Aly Landoure, Katja Polman, François Chappuis, Marleen Boelaert, Mamadou S. Traoré, Jörg Utzinger; Moussa Sacko (Mali, Switzerland, Germany & Belgium)

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

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

A cross-sectional study in a Teaching University Hospital of Cameroon
Bola Siafa A., Djomou F., Atenguena E.

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Onchocerciasis-associated neurodevelopmental deficits: The hit squad
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Metabolic syndrome and associated factors among HIV patients taking antiretroviral treatment in Ethiopia
Mesfin N., Getachew A., Fasika S., Bayisa M., Demisse AG, Abebe SM (Ethiopia)

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

Clinical mentoring via mobile teams - a new approach to visceral leishmaniasis care in resource-constrained settings in Africa
Margriet den Boer, Merce Herrero, Jean-Louis Ndiaye, Abdoulaye A Djimdé A, Grant Dorsey, Andreas Mårtensson A, Corine Karembe, Piero L Olliaro (Thailand, The Gambia, Belgium, Senegal, Mali, USA, Sweden, Switzerland & UK)

Low prevalence of hepatitis B and C viruses among HIV-infected children in HIV specialized clinics in Kinshasa (Democratic Republic of Congo)
Mosema Be Amok L., Sabi Ngazie L., Mbala Kangoy J., Aketi L., Akhuta Munende S., Shiku D1yasu J. (Democratic Republic of Congo & Belgium)

Cross-sectional analysis in young non-pregnant and pregnant women in Burkina Faso of associations between biomarkers of iron status and effect modification by inflammation and *Plasmodium falciparum* infection
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The Global Point Prevalence Survey of Antimicrobial Consumption and Resistance (Global-PPS): First Results of antimicrobial prescribing in a tertiary care hospital in Guinea
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Onchocerciasis associated epilepsy and blackflies in the Democratic Republic of the Congo (DRC)
Komba Michel, Anne Laudisoit, Floribert Tepage, Michel Mandro, Bethany Levick, Patrick Suykerbuyk, Amundala (Democratic Republic of Congo & Belgium)

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Drazo Nicaise, Alliance Tagoto, Dadi Falay, Robert Colebunders (Democratic Republic of Congo, Belgium & UK)

Treatment issues with acute *Schistosomiasis* in a cluster cohort of 34 travelers infected in South Africa: An observational study
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Saeed M. Omar, Mohammed Ahmed A. Ahmed, Gamal K. Adam, Tajeddin M. Abdalla, AbdelAzien A. Ali (Sudan)

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Stassijns J., Vlieghe E., Caluwaerts A., Zolfo M., Jacobs J. (Belgium)

Incidence of adverse drug reactions resulting from the use of Amodiaquine-Artesunate in Nanoro, Burkina Faso

Prevalence and risk factors of visceral leishmaniasis relapse in HIV Co-infected patients in Ethiopia: A Retrospective Cohort Study
Charles Abongomera, Ermas Dio, Florian Vogt, Achilleas Tsoumanis, Zelasm Mekonnen, Henok Admasu, Robert Colebunders, Rezika Mohammed, Koert Ritmeijer, Johan van Griensven (Ethiopia, Belgium & The Netherlands)

Nguyen Van Hong, Bui Quang Phuc, Ta Thi Tinh, Umberto D’Alessandro, Jean Pierre Van Geertruyden, Anna Rosanas-Urgell, Annette Erhart (Vietnam, UK & Belgium)

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Alonso A, Tachfouti N, Najdi A, Sicuri E, Picado A (Spain, Mozambique, Morocco, UK, & Switzerland)

Tolerance of treatment of Chagas disease

Histoplasmosis in Europe an uncommon condition, associated with HIV infection

Dermatophytosis in patients with Podocoanosis in the Ethiopian highlands

Diagnosis of cutaneous anthrax with the naked eye in resource poor settings

Pathogenic Fungal Species Associated with Digestive System of Periplaneta americana L. (Blattaria: Blattidae) Trapped from Residential Dwellings in Ahvaz city, southwestern Iran
Kassiri H., Zarrin M., Veys- Behbahani R. (Iran)

Intra-arterial virus RNA shedding in Zika virus (ZIKV) and Chikungunya virus (CHIKV) Co-infection correlates with long-lasting infection, higher severity and systemic poor viral clearance
Marta G Cavalcanti, Eduardo Scarlafelli Pimenta, Luis Roimicher, Larissa S Santana, Jorge L S Gonçalves, Mauro J Cabral-Castro, José M Peraita (Brazil)

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Autochthonous cases of Strongyloidiasis in the Czech Republic
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Factors associated with indeterminate cause of death in rural Southern Mozambique

Safety and tolerability of two regimens used to treat multi-drug resistant Tuberculosis in Kinshasa: A prospective cohort

Safety and tolerability of artesunate and amodiaquine combination in the treatment of uncomplicated malaria in Kinshasa: A pilot cohort event monitoring study
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The epidemiology of Taenia saginata and Taenia solium in Western Europe: A systematic review
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Long term evolution of the clinical complications of ebola virus disease: Results of the Postebogui cohort
Toure A., March L., Sow M.S., Etard J.F., Kpamou C., Savane I., Keita A.K., Koivogui L., Barry M., Delaporte E., Postebogui Study group (France & Guinea)

Systematic literature review of antibiotic stewardship interventions in hospitalized patients in low- and middle-income countries
Van Dijck C., Vlieghe E., Cox J.A. (Belgium)
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Sandra Rojak, Hagen Frickmann, Winfried Maalfen, Dorothea Wiemer (Germany)

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Risk factors of imported malaria in a non-endemic country
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Impact of antimalarial chemoprophylaxis on clinical presentation of imported malaria in children: A retrospective study in a Parisian university hospital
Casavina T., Bourayou R., Crav I., Federici L., Regnard D., Zenkhi F., Angoulvant A., Pham L.L. (France)

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First results of an HIV counselling and testing project in the irregular migrant population of Doctors of the World, Antwerp
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Esteban Serna E., Qureshi A., Oliveira-Souto I., Collazos P., Gomez i Prat J., Serre-Delcor N., MyHealth Project group. (Spain & Berlin)

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Severe malaria and risk factors associated to the lethality in children admitted in Jason Sendwe hospital, Democratic Republic of the Congo
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Home-based management of presumptive malaria under 5 years old in an urban health area, Democratic Republic of the Congo
Augustin Mutombo, Christelle Tshibanda, Gray Kanteng, Eric Mukomena, Stanislas Wembonyama, Oscar Luboya, Pascal Lutumba, Abel Ntambue (The Democratic Republic of the Congo & Belgium)

Maternal Food Variety is Associated with Low Birth Weight in the Cape-Coast Metropolis of Ghana
Quansah D.Y., Boateng D., Moser M.A., Chun O.C. (South Korea, The Netherlands & USA)

Prevalence and determinants of under and overnutrition among under five children in Bongo province, Angola
Brito M., Gaimberri S., Fandong C., Soares A. Centro de Investigação em Saúde de Angola (CISA), Caxito, (Angola & Portugal)

Prevalence of Helicobacter pylori antigens and antibodies in asymptomatic children in Kinshasa, DR Congo

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Higher tuberculosis transmission potential in South African compared to Tanzanian schools: Using carbon dioxide levels and re-breathed shared air to estimate airborne transmission
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