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Posters

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Legend

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

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

- **S sessions** are composed of oral presentations selected via the Call for Abstracts
  - 1S1 = Session 1 in track 1
  - 1S2 = Session 2 in track 1

- **OS Sessions** are sessions selected via the Call for Organised Sessions
  - 1OS1 = Organised Session 1 in track 1
  - 1OS2 = Organised Session 2 in track 1

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

Colour Codes

**Track 1. Breakthroughs and innovations in tropical biomedical sciences**
- Molecular biology and epidemiology
- Vector biology
- Diagnostic and therapeutic innovations
- Immunology
- Vaccinology

**Track 2. Ecology of tropical disease agents**
- One health
- Transmission dynamics
- Vector ecology
- Human ecology

**Track 3. State of the art in clinical tropical medicine**
- Novel diagnostics, drugs, vaccines
- Travel and migrant health
- Quality assurance of products and procedures
- Biosafety and biosecurity
- Clinical trials, ethics and regulation
- Nursing and patient care

**Track 4. Control, elimination and eradication sciences**
- State of the art in the control of tropical diseases, TB and HIV
- Theory and practice of elimination and eradication
- Social sciences, the human factor and community involvement
- Sustainability and integration of control strategies
- Economic and political considerations

**Track 5. Health systems and public health**
- Financial, human and material resources for health
- Quality management and regulation, including drugs and diagnostics
- Management and integration of disease-specific programmes including NCD's
- Access, equity, sustainability and resilience
- Digitalisation and e-health
- National health policies and governance

**Track 6. International health collaboration**
- The role of international cooperation in health development
- Instruments of international health cooperation
- The position of tropical institutes and global health centres
- Funding, governance and ownership
- Ownership, principles and ethics in international health
- Evidence-based humanitarian and emergency aid

**Track 7. Global health**
- Global health inequity and Universal Health Coverage
- Demographics and migration
- International trade and the global economy
- Environmental, urban and industrial health
- Global health policies and governance

**Track 8. Integrated and other subjects**
- Social sciences in health related research
- Reproductive and maternal health
- Child health and nutrition
- Subjects not captured by any of the other tracks
- Subjects integrating or covering several of the above themes
15.00 Registration

17.00 Welcome Addresses
- Government representatives
- Congress Chair and Organisers

17.30 Plenary Keynote Talks
- Complexities and future of global health research in developing countries
  Prof. Rose Leke, Emeritus Professor of Immunology and Parasitology and Director of the Biotechnology Centre at the University of Yaoundé, Cameroon
- The past, present and future of tropical diseases in Europe
  Dr. Denis Coulombier, Head of Unit for Surveillance and Response Support, European Centre for Disease Prevention and Control, Stockholm, Sweden

18.30 Welcome Reception
08.30  Plenary Talks
New tools for vector control
Steven W. Lindsay, Durham University, UK

Debate: Doing development differently: The future role of international cooperation
Christine Kirunga Tshobuya, Makerere School of Public Health, Uganda
Jan Paehler, EuropeAid, DG DEVCO, European Commission
Remco van de Pas, Institute of Tropical Medicine, Belgium

10.00  Coffee Break

10.30  3S1 - Arboviruses
3S1.1 Comparison of laboratory and clinical Dengue virus strains reveals major differences in endothelial cell pathology
Vervaeke P., Noppen S., Meyen E., Ariën K.K., Liekens S. (Belgium)

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

3S1.3 Detection of Zika virus NS1 antigen in semen by a prototype rapid test
Cnops L., Nakayama E.E., Caron, E., Eggermont K., Van Estbroeck M., Bottieau E., Jacobs J., Shioda T., Huits R. (Belgium & Japan)

3S1.4 Epidemiological and clinical data of children exposed to Zika virus registered in Spanish database. How often is microcephaly?

3S1.5 Surveillance of Zika virus in pregnant women returning from affected areas: Results from a cohort study in Southern Europe

3S1.6 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 Tour (12.30 - 13.30)
Monday

10.30 3S3 - Malaria (clinical)

3S3.1 Vivax malaria morbidity after radical treatment: A 2-year cohort study in Central Vietnam

3S3.2 R Vivax recurrences after radical treatment in the Peruvian amazon: A 2-year cohort study
Annette Erhart, Veronica C.J. van der Volz, Ana Rosanas, Niko Speybroeck, Dionisio Gamboa, Umberto D’Alessandro, Alejandro Llanos (Belgium, Peru & Gambia)

3S3.3 Low dose primaquine efficacy and safety: A review and individual patient data meta-analysis
Humphreys G.S. on behalf of the WWARN Single Low Dose Primaquine Study Group (UK)

3S3.4 The consequences of censoring new infections when deriving antimalarial efficacy against uncomplicated P. Falciparum malaria
Dahal P. on behalf of the WWARN Methods Study Group (UK)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 3OS2 - New Clinical Developments of Antimalarials

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

15.00 Coffee Break

15.30 8S1 - Malaria in Pregnancy

8S1.1 Malaria in pregnancy preventive treatments may provide additional protection against febrile illnesses during the first year of life

8S1.2 Safety of antimalarial drug use during early pregnancy in Bobo Dioulasso:
Examining low birth weight and congenital malformations as potential adverse outcomes
Roambé T., Kpodia H., Valaï L., Mens P.F., Gomes M., Tinto H., Kirakoya-sarradoulougou F. (Burkina Faso, Belgium, The Netherlands & Switzerland)

16.30 8S2 - Malaria in Children

8S2.1 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)

8S2.2 Impact of a malaria rapid diagnostic test detecting Plasmodium falciparum-specific histidine-rich protein-2 (RDT-PfHRP2) on the management of febrile children under-5 years of age in a high seasonal malaria transmission area
Kiemde F., Bonko A., Tahti M.C., Lombo P., Boete van Hensbroek M., Tinto H., Mens P.F., Schallig H.D.F.H (Burkina Faso & The Netherlands)

8S2.3 Safety of artesunate-amodiaquine combined with methylene blue or primaquine for the treatment of uncomplicated falciparum malaria in young African children: A randomised controlled non-inferiority trial
Mendes J., Meissner P., Ouermi L., Coulibaly B., Nebie E., Compaoré G., Kise O., Krisam J., Mockenhaupt F., Sie A., Müller O. (Germany & Burkina Faso)

8S2.4 A qualitative study of the acceptability of weekly iron supplementation prior to the first pregnancy in Burkina Faso
Compasore A., Gies S., Brabin B.J., Tinto H., Brabin L. (Burkina Faso, Belgium, UK & The Netherlands)

8S2.5 Malaria risk in young children after periconceptional iron supplementation of mothers in rural Burkina Faso
Gies S., Diallo S., Tinto H., Brabin L., Roberts S., D’Alessandro U., Brabin B.J. (Belgium, Germany, Burkina Faso, UK, Gambia and The Netherlands)

8S2.6 Impact of micronutrient powders combined with malaria chemoprevention on anaemia, malaria and cognitive development: a cluster-randomized study in Malian children
4S1 - Elimination of Human African Trypanosomiasis

4S1.1 Innovative methods of case finding to achieve elimination of human African trypanosomiasis in the Democratic Republic of Congo

4S1.2 Development of a framework for integrated passive surveillance to drive elimination of human African trypanosomiasis in Kongo Central province, DRC
Lumbala C., Kayembe S., Bessel P.R., Picado A., Biéler S., Ndung’u J.M. (DRC, UK & Switzerland)

4S1.3 The conflict in South Sudan: A threat to the elimination of gambiense human African trypanosomiasis in Uganda?
Warnboga C., Picado A., Waiswa C., Matovu E., Torr S., Biéler S., Katz Z., Bessel RR., Ndung’u J.M. (Uganda, Switzerland & UK)

4S1.4 A strategy combining passive screening and reactive screening to control human African trypanosomiasis during the Ebola crisis in Guinea
Camara O., Camara M., Bucheton B., Camara M., Biéler S., Ndung’u J.M. (Republic of Guinea, France & Switzerland)

4S1.5 Adding Tsetse control to medical activities contributes to decreasing transmission of sleeping sickness in the mandoul focus (chad)

10.30 Lunch Break and Poster Tour (10.30 - 11.30)

11.30 4OS1 - Phase II/III results for fexinidazole, the first oral treatment for human African trypanosomiasis (HAT)
Organiser: Nathalie Strub-Wourgaft, Drugs for Neglected Diseases initiative, Geneva, Switzerland

15.00 Coffee Break

15.30 4S2 - Outbreak surveillance and response

4S2.1 Developing and operationalizing national-level early warning and response systems (EWARS) for dengue and other Aedes-borne arboviral diseases
Piero Cillaro, Axel Kroeger, Yesim Tozan, Joacim Rocklov (Switzerland, Germany, USA & Sweden)

4S2.2 Why the outbreak of Ebola virus disease in West Africa could have been detected one month - not three - after patient zero and lessons learned for surveillance systems strengthening
Badenschier F. (Germany & UK)

17.00 4S3 - Spatial analysis approaches in support of disease control

4S3.1 Considering the spatial heterogeneity of dengue transmission for designing an Aedes control strategy
Vanierberghen V., Toledo M.E., Ocampo C., Manrique-Saide P., Honorio N., Vazquez-Prokopec G., Miranda M., Alexander N., Frutuoso R.L., Van der Stuyft P. (Belgium, Cuba, Colombia, Mexico, Brazil & USA)

4S3.2 Digitalization and planning of active HAT screening in the Democratic Republic of Congo to reach elimination

4S3.3 Modelling to support the planning of malaria elimination in southern Palawan, the Philippines
Briet O.J.T., Angluben R., Torno M., Navarro M.A.H., Deray R., Schapira A. (Switzerland & Philippines)

4S3.4 Mapping of leprosy cases as a tool for rationalizing contact screening
Epco Hasker, Abdallah Baco, Assoumani Younousssa, Aboukacar Mzembaba, Zahara Salim, Mohamed Amidyi, Saverio Grillone, Tine Demeulemaere, Nimer Ortuno-Gutierrez, Guido Groenen, Philip Sutphys, Bouke de Jong (Belgium, Comoros & Brazil)

4S3.5 A spatial decision support system approach to implementing malaria surveillance as a core intervention activity in high priority Vietnam
Sara E. Canavatti, Vo Huu Thuan, Thinh Ngo Duc, Duong Thanh Tran, Thang Duc Ngo, Gerard Kelly, Nicholas J Martin (Vietnam, Australia, Finland & Singapore)
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<th>Time</th>
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<tr>
<td>10:30</td>
<td>5S1 - Digitalisation and e-Health</td>
<td>Lunch Break and Poster Tour (12.30 - 13.30)</td>
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<td>12:00</td>
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<td>5S2 - Patients, Communities and Health Services</td>
<td>Is health protected: Life histories of vulnerable groups in fragile and conflict-affected situations</td>
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<td>5S2.1 Fustukian, S., Vidal, N., O'May F., Amara, R., Buzuzi S., Ros B., Ssali S., McPake B. (UK, Sierra Leone, Zimbabwe, Cambodia, Uganda &amp; Australia)</td>
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<td>5S2.2 10 years of research on India's ASHA program: A literature review framing health systems interfaces supporting a national community health worker program Scott K., George A., Singh S., Gupta G., Ummer O., Ved R. (India &amp; South Africa)</td>
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<td>5S2.3 Reasons for not attending a health care centre for soil-transmitted helminth infections in a rural village in Indonesia Meyanti F., Verdonck K., Polman K., Mahendradhata Y. (Indonesia &amp; Belgium)</td>
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<td>5S2.5 Integration of maternal postpartum services in maternal and child health services in Kaya health district (Burkina Faso): An intervention time trend analysis Yugbare Belemsaga D. (Burkina Faso)</td>
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<td>15:00</td>
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<td>5OS1 - Patient Centered Care (PCC)</td>
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<td>15:30</td>
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<td>Organisers:</td>
<td>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)</td>
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<td>17:00</td>
<td>5S3 - Health Policies</td>
<td>5S3.1 Supporting community health worker programs at scale: Lessons from policy reforms shaping the evolution of India's ASHA program Ved R., Scott K., Gupta G., Ummer O., Srivastava A., George A. (India &amp; South Africa)</td>
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<td>5S3.2 Assessing and preparing health systems for integration of services in low- and middle-income countries – A systematic review Topp S.M., Abimbola S., Joshi R., Negin J. (Australia)</td>
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<td>5S3.3 Models of engagement between the state and faith sector in Sub-Saharan Africa: A systematic review Whyle, E.B., Olivier, J. (South Africa)</td>
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<td>5S3.4 State to the test of trust: Implementation of a public fee exemption policy in non-state facilities in Benin Dossou J.P., Marchal B. (Benin &amp; Belgium)</td>
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<td>5S3.5 The politics of the basic benefit package reforms in Tajikistan: Health governance constraints in neo-patrimonial settings Eelco Jacobs (The Netherlands &amp; Switzerland)</td>
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10.30 5OS2 - Experiences in Capacity Building in Public Health Institutes in Low-Income Countries, putting local public health institutes in the lead of research for policy development

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

12.00 Lunch Break & Poster Tour (12.30 - 13.30)

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

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

15.00 Coffee Break

15.30 6OS2 - Health cooperation beyond aid

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

17.00 4S4 – Biosocial approaches in disease control

4S4.1 Micro-epidemiology of malaria exposure in Central Vietnam: A mixed-methods case study
Melanie Bannister-Tyrrell, Nguyen Xuan Xa, Nguyen Van Van, Vu Khac Anh Dung, Truong Minh Hieu, Nguyen Van Hong, Johanna Helena Kattenberg, Eduard Rovira-Vallbona, Tran Thanh Duong, Anna Rosanas Urgell, Koen Peeters Grietens, Annette Erhart (Belgium, Vietnam & Gambia)

4S4.2 Stigma among healthcare workers as a barrier to the use of TB services at occupational health units in South Africa
Sommerland N., Wouters E., Masquillier C., Rau A., Engelbrecht, M., Kigozi G., Uebel K. (Belgium & South Africa)

4S4.3 Why would antiretroviral treatment adherence clubs work in the Western Cape Province, South Africa?
Mukumbang F.C., Van Belle S., Marchal B., Van Wyk B. (South Africa & Belgium)

4S4.4 Community participation in mosquito breeding site control: A multidisciplinary mixed methods study in Curacao

4S4.5 Including refugees in disease elimination: Challenges observed from a sleeping sickness programme in Uganda
Palmer J.J., Robert O., Kansiime F. (UK & Uganda)
10.30 1S1 - Diagnostics 1 - Serology and Hemo-Culture

1S1.1 Re-defining blood culture for resource-limited settings: Developing draft target product profiles for simplified diagnostics
Dailey P., Osborn J., Martino R., Isaacs C., Dittrich S. (Switzerland & USA)

1S1.2 Prospective evaluation of a rapid diagnostic test for gambiae human African trypanosomiasis developed using recombinant antigens in the Democratic Republic of the Congo
Lumbala C., Béler S., Kayembe S., Makabuza J., Ongarello S., Ndung’u J.M. (Democratic Republic of Congo & Switzerland)

1S1.3 Finding Mimo: Developing an alternative rapid test for the serodiagnosis of visceral leishmaniasis in Eastern African populations
Kühne V., Dino E., El-Safi S., Büscher P. (Belgium, Ethiopia & Sudan)

1S1.4 Visceral leishmaniasis: a combined wet-lab and in silico approach to the discovery of biomarkers of disease progression and post-chemotherapy relapse
Bremer Hinckel B.C., Marlais T., Airs S., Imamura H., Dujardin J.C., Falconar A.K., Bhattacharyya T., Andersson B., Mertens P., Miles M.A. (Belgium, UK, Colombia & Sweden)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 1S2 - Diagnostics 2 - DNA-Based Assays

1S2.1 Combination of random isothermal amplification and nanopore sequencing for rapid identification of the causative agent of an outbreak
Hansen S., Faye O., Faye M., Sarabani S.S., Pessia R., Faye O., Böhlken-Fascher S., Sall A.A., Weidmann M., Czemny C.P., Abd El Wahed A. (Germany, Senegal, Brazil & UK)

1S2.2 Loop-mediated isothermal amplification for asymptomatic malaria diagnosis in the peruvian amazon: Technical performance and pilot implementation in challenging field settings

1S2.3 Dry reagent-based loop-mediated isothermal amplification for confirmation of buruli ulcer using a portable fluorimeter
Beissner M., de Souza D.K., Maman I., Saar M., Zwingmaier K., Wiedemann F., Bretzel G., Ndung’u J.M., Cruz I., Ablordey A. (Germany, Ghana, Togo & Switzerland)
2S1 - Surveillance of arboviruses

2S1.1 Enso and warmer temperatures are related with major outbreaks of Dengue in Venezuela

2S1.2 West Nile surveillance and response in Italy: A one health approach
Parodi P., Rizzo C., Abonico M., Calzolari M., Chiari M., Capelli G., Casalone C., Angelini P., Monaco F., Maraglino F. (Italy)

2S1.3 Effects of land use on the ecology of arbovirus-aedes mosquitoes in oil palm plantation areas in Southeastern Côte d’Ivoire
Zahouli B.Z.J., Koudou G.B., Müller P., Malone D., Tano Y., Utzinger J. (Switzerland, Côte d’Ivoire & UK)

2S1.4 Surveillance of mosquito-borne viruses with honey-baited FTA cards in an area of low virus prevalence
Wipf N., Guidi V., Guedes D.R.D., Barbosa R.M.R., Tonolla M., Engler O., Müller P. (Switzerland & Brazil)

2S1.5 Spatial dynamics of Chikungunya transmission in northern Venezuela: The first six months of the epidemic

2S2 - Vectors and transmission of arboviruses

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

2S2.2 HarmVect: A simulation based tool for pathway risk maps of invasive arthropods in Belgium - Case study: Aedes albopictus
Jansen F., Berkvens N., Deblauwe I., Van Loo T., Casteels H. Witters J., Van Damme V., Berkvens D. (Belgium)

2S2.3 Urbanisation drives the ecology of immature aedes mosquitoes in arbovirus-foci in South-Eastern Côte d’Ivoire
Zahouli B.Z.J., Koudou G.B., Müller P., Malone D., Tano Y., Utzinger J. (Switzerland, Côte d’Ivoire & UK)

2S2.4 Invasive mosquito species surveillance in Belgium: Towards a structural plan
Deblauwe I., Demmeulemeester J., Sohier C., Van Loo T., De Witte J., Madder M., Coosemans M. (Belgium, South Africa & The Netherlands)

2S2.5 Expanding IR Mapper: Mapping insecticide resistance in Anopheles species, Aedes aegypti and Aedes albopictus
Hadji M.P., Athinya, D.K., Omondi S.A., Ochomo E.O.², Pates Jamet H. (Kenya & USA)

2S3 - Trematodes

2S3.1 Opisthorchis viverrini and a novel sister species in ducks share the same intermediate snail and fish hosts in Central Vietnam
Dao T., Nguyen T., Dermau V., Gabriel S., Dorny P. (Vietnam & Belgium)

2S3.2 Human and animal trematode infections in a mobile pastoralist setting at lake Chad: Added value of a one health approach beyond zoonotic diseases research

2S3.3 Dynamics of S. haematomiobium and S. mansoni infection and morbidity: An eight-year follow-up study in a rural community in the north of Senegal
Meurs L., Mbou M., Vereecken K., Van den Broeck F., Mpabanzan L., Boon N., Huyse T., Polman K. (Belgium & Senegal)

2S3.4 Incorporating the ecology of intermediate hosts of schistosomiasis into spatially explicit models of disease transmission in seasonal climates
Perez-Saez J., Mande T., Ceperley N., Bertuzzo E., Mari L., Gatto M., Rinaldo A. (Switzerland & Italy)

2S3.5 Transmission and hybridisation dynamics of Schistosoma haematobium in the Senegal River Basin: No barrier breakdown between human and cattle schistosomiasis?
Boon, N., Mbou, M., Paredis, L., Maes, T., Moris, P., Mboup, S., Voëlaef, F., Boissier, J., Polman, K., Huyse T. (Belgium, Senegal & France)

2S4 - Onchocerciasis & Modelling

2S4.1 An update of blackfly (Diptera: Simuliidae) vectors and Onchocerca volvulus transmission in Mahenge, south eastern Tanzania
Kaloga A., Krüger A., Pfarr K., De Witte J., Post R.J., Mwingira U., Colebunders B., Dujardin J.C., O’Neill S., Hendy A. (Belgium, Germany, UK & Tanzania)

2S4.2 Onchocerciasis associated epilepsy in the Ituri and Tshopo province in the Democratic Republic of the Congo: A case-control study

2S4.3 Mathematical modelling of transmission dynamics of Opisthorchis viverrini
Bürli C., Harbrecht H., Odermatt P., Sayasone S., Chitnis N. (Switzerland & Lao PDR)

2S4.4 Estimating age-time dependent malaria force of infection accounting for unobserved heterogeneity
Hens, N., Mugenyi, L., Abrams, S. (Belgium & Uganda)

2S4.5 Mathematical modelling of dog rabies transmission in N’Djaména, Chad
Laager M., Mbilo C., Léchenne M., Zinsstag J., Chitnis N. (Switzerland & Chad)
**8S3 - Sexual and Reproductive Health Rights**

**8S3.1 Critical reflections on srhr policies and law**  
Bosmans M., Gyselinck K., Van Bastelaere S., Bossyns P. (Belgium)

**8S3.2 Evaluating DANIDA's global SRHR policy: Tracing accountability pathways at the global policy level**  
Mayhew S., Van Belle S. (Belgium)

**8S3.3 Body & rights – E-learning on sexual and reproductive health and rights for stakeholders of development cooperation**  
Van Braeckel Dirk, Blondeel Karel, the working group on sexual and reproductive health and rights of Be-cause health, the Belgian platform on International Health (Belgium)

**8S3.4 Academic network for sexual and reproductive health and rights policy (ANSER)**  
Degomme O., Michielsen K., Van Braeckel D. (Belgium)

**8S3.5 Adressing unsafe abortion in Benin: Why is the current policy inappropriate?**  
Dossou J.P., Kanhonou L., Bello K. Goufoctji S. (Benin & Belgium)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30

**8S4 - Sexual and Reproductive Health**

**8S4.1 Sexual practices among men who have sex with men in Kinshasa, DRC**  

**8S4.2 Socioeconomic counters of intimate partner violence and impact on reproductive health services in India**  
Gogoi M., Kumar A. (India)

**8S4.3 Post circumcision beliefs influencing sexual behaviour among men in Wakiso district, Uganda**  
Simon P.S. Kibara, Lynn M. Atuyambe, Ingvild F. Sandøy, Fredrick E. Makumbi, Marguerite Daniel (Norway & Uganda)

**8S4.4 “Never trust an open door” - Controversies of sexual pleasure, pain and Female Genital Mutilation among African migrants in Belgium, the Netherlands and the UK**  
Zewolde S., Florquin S., Bos M., Dubourg D., Richard F., O’Neill S. (UK, Belgium & The Netherlands)

15.00 Coffee Break

**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

**8S5 – HIV**

**8S5.1 Same day ART initiation versus clinic-based pre-ART assessment and counselling for individuals newly tested HIV-positive during community-based HIV testing in rural Lesotho – A randomized controlled trial (CASCADE trial): Preliminary results**  
Labhardt N.D., Ringera I., Lejone T.I., Klimkait T., Muhairwe J., Cerutti B., Glass T.R. (Switzerland & Lesotho)

**8S5.2 Prevention of mother-to-child transmission of HIV: Postpartum adherence to option B+ until 18 months in Western Uganda**  
Theuring S., Decker S., Rempis E., Schnack A., Braun V., Rubahayo J., Busingye P., Tumwesigye N.M., Harms G. (Germany & Uganda)

**8S5.3 Factors associated with loss to follow-up among women in Option B_PMTCT programme in northeast Ethiopia: A retrospective cohort study**  
Israel M., Mastewal A., Yonatal Mesfin, Muluken G. (Ethiopia)

**8S5.4 Screening of human Papillomavirus, cervical cytological abnormalities and associated risk factors in HIV-positive and HIV-negative women in Rwanda**  
Manzi O.M. (Rwanda)

**8S5.5 HIV prevalence declines in Southern Africa: Have we misread the landscape?**  
Loevinsohn M.E. (The Netherlands)
10.30  **3OS5 - Nodding syndrome: Interdisciplinary findings and ways forward in prevention and treatment**

Organisers:
Sarah O’Neill, Medical Anthropology Unit, Institute of Tropical Medicine, Belgium
Robert Colebunders, Global Health Institute, University of Antwerp, Belgium
Koen Peeters, Medical Anthropology Unit, Institute of Tropical Medicine, Belgium

12.00  Lunch Break and Poster Tour (12.30 - 13.30)

13.30  **9S1 - Emerging Voices**

Detailed programme TBC

15.00  Coffee Break

15.30  **9S2 - Student initiatives – Ways of creating an international environment: Four alternative ways to improve internationalization at home**

Organisers:
BeMSA Ghent, medical students

17.00  **9S3 - Training on neglected tropical diseases: Are you brave or crazy?**

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

17.00  **3OS6 - Integrating Mental Health into Local Health Systems (LHS): Low and Middle Income Country (LMIC) experiences**

Organisers:
Nandini D.P. Sarkar and Bart Criel
Equity and Health Unit, Department of Public Health
Institute of Tropical Medicine, Antwerp, Belgium
Programme at a glance - Wednesday 18/10

08.30 - 10.00
Elisabeth Hall
Plenary Talks

Nightingle
Darwin
Gorilla 1
Gorilla 3
Pelican

10.00
Coffee Break

10.30 - 12.00
5OS3 Poor quality medicines: a hidden threat to health systems and international health
3OS7 How to stop global antibiotic resistance?
4S5 Malaria: From control to elimination?
5S5 Risk Factors and NCD
5S6 Human Resources for Health
1S3 Molecular Biology and Epidemiology - Before whole genome sequencing

12.00
Lunch Break & Poster Tour (12.30 - 13.30)

13.30 - 15.00
5S4 Drugs, Diagnostics & Supplies
3S4 Antibacterial resistance
4OS2 Targeted malaria in the Greater Mekong Subregion using mass drug administration
5OS4 Tackling the non-communicable disease epidemics in low- and middle income countries
5OS5 Human resources for health in low income countries and complex settings: an opportunity to address global challenges?
1S4 Molecular Biology and Epidemiology - 2nd generation tools: whole genome sequencing and hereafter

15.00
Coffee Break

15.30 - 17.00
7OS1 How does global trade impact health? Panel debate
3OS8 Non-malarial Febrile Illness in the Tropics: the ultimate clinical challenge?
2S5 Malarial vectors and transmission
7OS2 Refugee mental health in the global south and north: current research and best practices
5S7 Data
1OS2 Genomics in the tropics: the example of Salmonella

17.00 - 18.30
World Premiere of 'The Heart of the Matter'

Programme at a glance - Wednesday 18/10

08.30 - 10.00
Toucan
Gorilla 4
Gorilla 5
e-Room 1
Stanley
e-Room 2
Galapagos

10.00
Coffee Break

10.30 - 12.00
4OS3 Using the One Health Concept for preparedness of Emerging Diseases
8S6 Child Mortality
5S8 Financing
6OS3 Collaborative initiatives for capacity building and education

12.00
Lunch Break & Poster Tour (12.30 - 13.30)

13.30 - 15.00
2S6 Zoonoses
5S6 Strategic financing: Concept and field applications from 6 partner countries
6OS4 Collaborative initiatives for capacity building and education

15.00
Coffee Break

15.30 - 17.00
3OS9 Hepatitis C care in resource-constrained settings. Do we have a scalable public health approach anno 2017?
4S6 NTD elimination through mass drug administration
5OS7 Scratching beyond the surface: methods for and cases of under-documented issues in Performance-Based Financing (PBF)
Journalism session The impact of science and journalism on global health
8OS2 Crisis in the Mediterranean: Training health care providers for working with refugees, forced migrants and asylum seekers

17.00 - 18.30
08.30  **Plenary Talks**

- **Fever and cold feet**
  Paul Newton, University of Oxford, UK and LOMWRU, Laos

- **Access to new and expensive essential medicines, as part of universal health coverage**
  Hans V. Hogerzeil, University Medical Centre, Groningen, The Netherlands

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

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

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

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

  **5S4.1** The quality of artemether-lumefantrine combination and characteristics of pharmacies in the periurban areas of Kinshasa
  Mavungu Landu D.J., Liégeois S., Manzambi Kwekita J., Mbinze J., Mavungu Nsiona J., Hubert P., Michel B., Reginster J.Y., Frédérich M., Marin Djang‘Eing’ A. R. (Belgium & DRC)

  **5S4.2** The impact of local private distributors on quality of medicines available in non African low- and middle-income countries
  Van Assche K., Nebot Giralt A., Caudron J.M., Ravinetto R. (Belgium & France)

  **5S4.3** How the quality strategy can tackle the challenges of procuring medicines in weak regulatory environments: The experience of a sub-Saharan African Procurement Centre
  Paul Singh Lotay, Olivier De Santi, Raffaella Ravinetto (Kenya & Belgium)

  **5S4.4** A health system perspective to improving pharmaceutical supply: Lessons from Zimbabwe
  Carasso K.B., Naylor M., Ngwaru T., Caffrey M., Witter S. (Belgium, UK & South Africa)

15.00  **Coffee Break**

15.30  **3OS7: How to stop global antibiotic resistance? How to translate the WHO Global Action Plan for the field reality of low-resources settings?**

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

17.00  **World Premiere of The Heart of the Matter, a Film focusing on Peter Piot’s Research**

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

4S5.1 Pregnant women as sentinels: a pragmatic approach to malaria surveillance
Brunner N.C., Chacky F., Mandike R., Mohamed A., Lengeler C., Molteni F., Hetzel M.W. (Switzerland, United Republic of Tanzania)

4S5.2 Harnessing the wisdom of crowds to inform health spending: The case of malaria eradication
Brew J.R., Pradhan M.P., Sicuri E. (Spain, The Netherlands & UK)

4S5.3 School-based malaria prevalence survey: important longitudinal surveillance tool to assess epidemiological impact of malaria control interventions in the Democratic Republic of the Congo
Edouard Kawawa Swana, Betty Mupemba, Suprianto, Paul Makan Mawaw, Thierry Yav, Clarence Kaut Mukeng, Izak Hattingh, Oscar Numbi Luboya, Jean-Baptiste Sakatolo Kakoma, Michael J. Bangs (DRC & Indonesia)

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

4S5.5 Seasonal malaria chemoprevention in Burkina Faso protects children against malaria and anaemia under routine program implementation
Druetz T., Corneau-Tremblay N., Kouanda S., Millogo T., Ly A., Haddad S. (USA & Canada)

4S5.6 Impact of mass drug administration on clinical malaria in a setting of seasonal transmission and high coverage of control interventions
Julia Mwesigwa, Jane Achan, Mariam Watthou, Fatoumatta Kanuteh, Archibald Worwui, Muna Affara, Jean-Pierre Van geertruyden, Umberto D’Alessandro (Gambia, Belgium & UK)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **4OS2 - Targeted malaria elimination in the Greater Mekong Subregion using mass drug administration**

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

15.00 Coffee Break
5S5 - Risk Factors and NCD

5S5.1 Tracing Africa’s progress towards implementing the Non-Communicable Diseases Global action plan 2013-2020: A synthesis of WHO country profile reports

5S5.2 Assessment of diabetes care in the municipalities of Cardenas and Santiago (Cuba)

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

5S5.4 How are resource-limited countries addressing global versus national implementation challenges in diabetes prevention and control? The Kenya experience
Shiroya V.N., Deckert A., Mayeden S., Neuhann F. (Germany)

5OS4 - Tackling the non-communicable disease epidemics in low- and middle income countries

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

Coffee Break

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
Christiania Noestlinger, HIV and Sexual Health Unit, Department of Public Health Institute of Tropical Medicine, Antwerp, Belgium
10.30 1S3 - Molecular Biology and Epidemiology - Before whole genome sequencing

1S3.1 Molecular epidemiology of *plasmodium vivax* in Solomon Islands
Yi Wan Quah, Andreea Waltmann, Stephan Karl, Ventis Vahi, Andrew Darcy, Freda Pitakaka, Maxine Whittaker, Daniel J. Tisch, Alyssa E. Barry, Celine Barnadas, James Kazura, Ivo Mueller (Australia, Solomon Islands, USA & France)

1S3.2 Increase of mutations associated with SP resistance in *Plasmodium falciparum* isolates collected during pregnancy in Nanoro, Burkina Faso

1S3.3 *Plasmodium falciparum* causing febrile infections express EPCR-binding PfEMP1
Sixbert Mkumbaye, Christian W. Wang, Jacob S. Jespersen, Jens E.V. Petersen, Reginald Kavishe, John Lusingu, Thor G. Theander, Thomas Lavtsen (Tanzania & Denmark)

1S3.4 Revealing the genetic diversity of mycobacterium tuberculosis strains causing tuberculous lymphadenitis in Southwest Ethiopia
Tadesse M., Abebe G., de Rijk P., Meehan C., de Jong B.C., Rigouts L. (Ethiopia & Belgium)

1S3.5 Detecting *schistosoma mansoni* transmission using environmental DNA in water samples

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

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

1S4.1 Micro-epidemiological approach to understanding transmission dynamics of Mycobacterium ulcerans in the Ouémé river valley in southern Benin
Eddyani M., Vandelannoote K., Meehan C., Affolabi D., Aguilar J., Marion E., Sopoh G., Portaels F., de Jong B.C., Stinear T. (Belgium, Benin, Australia & France)

1S4.2 Clonal waves of meningococcal colonization and disease in the African meningitis belt: Emergence of a hypervirulent W:ST-2881(CC175) clone by capsule switching
Gerd Pluschke (Switzerland)

1S4.3 Zika virus genetic diversity and selective pressure: Importance for diagnostics, vaccines and therapeutics

1S4.4 Direct sequencing of *Leishmania* genome in clinical samples
Domagalska M.A., Imamura H., Sanders M., Rijal S., Berriman M., Cotton J., Dujardin J.C. (Belgium, UK & Nepal)

15.00 Coffee Break
10.30  4OS3 - Using the One Health Concept for preparedness of Emerging Diseases

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

12.00  Lunch Break and Poster Tour (12.30 - 13.30)

13.30  2S6 – Zoonoses

2S6.1 Viral pathogens at the human-wildlife interface in DRC: Wild mammals as natural hosts of zoonotic viruses
Ngay L.I., Midingi G., Mbala K.P., Kumakamba M.C., Nikawa F., Monagin C., Jolly D., Mulembakani M.P., Makuwa M., Muyembe Tamfum J.J. (DRC, USA & Canada)

2S6.2 Transmission of ESBL-producing Escherichia coli between humans and poultry - A one-health study from Ghana
Eibaich D., Imirzaloglu C., Hogan B., Krumpkamp R., Falgenhauer L., Danquah C., Poppert S., Sarpong N., Owusu-Dabo E., May J. (Germany & Ghana)

2S6.3 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)

2S6.4 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)

2S6.5 Lassa virus infection in humans and rodents: Are humans more infected when rodents are abundant?
Fichet-Calvet Elisabeth (Belgium, Guinea)

2S6.6 Evaluation of post-mortem detection techniques for bovine cysticercosis in Belgium
Jansen F., Dorny P., Makay C., van den Broeck N., Berkvens D., Gabriël S. (Belgium)

15.00  Coffee Break

15.30  3OS9 - Hepatitis C care in resource-constrained settings - Do we have a scalable public health approach anno 2017?

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

10.30  8S6 - Child Mortality

8S6.1 Seasonal variation in child mortality in rural guinea-bissau
Nielsen B.U., Byberg S., Aaby P., Rodrigues A., Benn C.S., Fisker A.B. (Guinea-Bissau & Denmark)

8S6.2 Child mortality in Guinea-Bissau – the effects of out-of-sequence vaccination
Thysen S.M., Rodrigues A., Aaby P., Fisker A.B. (Guinea-Bissau & Denmark)

8S6.3 Country-specific pathways from socioeconomic determinants to under-five mortality in Sub-Saharan Africa
Vandamderen C., Amouzou A., Masquelier B., Van Oyen H., Speybroeck N. (Belgium & USA)

8S6.4 Saving children's lives with colours
Johanna H. Dekker-Boersema, Deavis Camilo, Clemência Binamo, Jonas Hector, Michael A. Hobbins, Laura Jefferys, Manuel Aly Mussa, Ernesto M. Langa (Mozambique)
15.30  **4S6 - NTD control/elimination through preventive chemotherapy**

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

**4S6.2** Predictive value of ov16 antibody prevalence in different sub-populations for elimination of African onchocerciasis  
Coffeng L.E., Stolk W.A., De Vlas S.J., Golden A., De los Santos T., Domingo G.J. (The Netherlands & USA)

**4S6.3** The impact of semi-annual mass drug administration for multi-species lymphatic filariasis in Indonesia: A modelling approach  

**4S6.4** High prevalence of epilepsy and onchocerciasis after 20 years of ivermectin use in four villages of the Mahenge area in Tanzania  
Mmbando B.P., Mnacho M., Makunde M., Kakoroza A., Matuja W., Greter H., Suykerbuyk P., Colebunders R. (Tanzania & Belgium)

**4S6.5** The long-term impact of preventive chemotherapy on the burden of soil-transmitted helminth infection  
Joseph S.A., Montresor A. (Switzerland)

10.30  **5S8 – Financing**

**5S8.1** Do patients who incur informal payments really receive care a better quality? Evidence from Cameroon  
Kankeu Tchewonpi H. (UK)

**5S8.2** It takes two to own. The policy process behind the implementation of PBF in Uganda  
Rennans D., Holvoet N., Criel B. (Belgium)

**5S8.3** Catastrophic health expenditure and care-seeking practices in Afghanistan: A mixed-methods study  
Jacobs E., Zaal F., Alba S. (The Netherlands)

**5S8.4** Financial access barriers for HIV patients in Kinshasa, DRC and possible mitigation by patient associations’ managed vouchers  
Vinard P., Aventin L., Cartier N., Philips M. (France & Belgium)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30  **5OS6 - Strategic financing: Concept and field applications from 6 partner countries**

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

Coffee Break

15.00

15.30  **5OS7 - Scratching beyond the surface: Methods for and cases of under-documented issues in Performance-Based Financing (PBF)**

Organisers:  
Dimitri Rennans, Institute for Development Policy and Management (IOB), Universiteit Antwerpen, Belgium  
Elisabeth Paul, ARC Efi-Santé, Université de Liège, Liège, Belgium  
Valéry Ridde, Université de Montréal, Canada
10.30  **6OS3 - Collaborative initiatives for capacity building and education**

**Organisers:**
Marijan Pirard, Mieke Stevens, Maria Zolfo and Govert van Heusden
Institute of Tropical Medicine, Antwerp, Belgium

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

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13.30  **6OS4 - 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

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15.00  **Coffee Break**

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

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

**Organiser:**
Roeland Scholtalbers, Institute of Tropical Medicine Antwerp, Belgium
08.30  
**Plenary Talks**

**Bridging pharma and academia towards drug discovery for diseases of the developing world**  
Julio Martin, GSK Spain

**Fieldworkers views of health research and why they fabricate data**  
Patricia Kingori, Wellcome Trust Society, The Ethox Centre, University of Oxford, UK

**The information (and motivation) problem in global health**  
Seye Abimbola, National Primary Health Care Development Agency, Nigeria and Sydney School of Public Health, University of Sydney, Australia

10.30  
**7S1 - Health Inequalities**

**7S1.1 State of inequality in malaria services in Sub-Saharan African countries**  
Galactionova K., Smith T., de Savigny D., Penny M. A. (Switzerland)

**7S1.2 Reproductive and maternal health inequalities in Sub-Saharan Africa: Establishing a socioeconomic gradient based on data from Mozambique, Gabon and Tanzania**  
Pons-Duran C., Islam M., Alonso S., Mtenga S.M., Agranoff J.T., Sicuri E., Menéndez C., Munguambe K. (Spain, Mozambique, Tanzania & Gabon)

**7S1.3 Inequities in global health: Easy to see, hard to define**  
Ooms Gorik (UK)

**7S1.4 Inequalities in Sub-Saharan African women’s and girls’ health opportunities and outcomes: Evidence from the demographic health surveys**  
Pons-Duran C., Lucas A., Narayan A., Dabalen A., Menéndez C. (Spain & USA)

12.00  
Lunch Break and Poster Tour (12.30 - 13.30)

13.30  
**5OS8 - Patient fees in times of Universal Health Coverage: Old demons roaring their head (again)? The specific role of social health assistance to protect vulnerable people**

**Organisers:**  
Bart Crielaert, Equity and Health Unit, Public Health Department, Institute of Tropical Medicine, Antwerp, Belgium  
Valery Ridde, Université de Montréal, Canada  
Médecins Sans Frontières (MSF), Oxfam-UK

15.00  
Coffee Break

15.30  
**3OS10 - New tools and initiatives to combat Antimicrobial Resistance (AMR)**

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

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

**Organisers:**  
Malaria Eradication Scientific Alliance (MESA), WHO Department of Information, Evidence and Research
10.30 **3S5 - Mycobacterial diseases**


**3S5.2** New diagnostic tests for tuberculosis: Performance of LAM and Xpert MTB/RIF in urine of hospitalized patients on intensive phase of TB treatment, and its association with TB dissemination and HIV status. Preliminary results from an observational cohort study in Kigali, Rwanda
Leopold Bitunguhari, Samuel Nuendibiza, Aimable Dukundane, Joannes Clerinx (Rwanda & Belgium)

**3S5.3** Association between *rpoB* mutations and probe profiles, and potential application of WHO-endorsed rapid diagnostic tests for rifampicin-resistant TB control
Ng K.S., Meehan C. J., Torrea G., Goeminne, L., Diels M., Rigouts L., de Jong B., André E. (Belgium)

**3S5.4** Effectiveness and safety of long-term versus short-term treatment regimen of multidrug-resistant pulmonary tuberculosis in Burkina Faso
Ouedraogo A.R., Badoum G., Ouedraogo G., Boncoungou K., Maiga S., Nacanabo R., Kunakey E.K., Ouedraogo M. (Burkina Faso)

**3S5.5** Identification of non-tuberculous mycobacteria isolated from clinical specimens at Dr George Mukhari tertiary laboratory, South Africa, using the genotype mycobacterium cm/as assay and 16s RNA gene sequencing
Makhado N.A., Colebunders R., Nchabeleng M., de Jong B.C. (South Africa & Belgium)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 **4OS4 - Towards improved tuberculosis control – Why small countries matter**

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

Coffee Break

15.00 **4OS5 - Interrupting leprosy transmission – The unfinished task**

Organisers:
Arielle Cavaliéro, Novartis Foundation, Basel, Switzerland
Peter Steinmann, Swiss Tropical and Public Health Institute, Switzerland

15.30 **6OS5 - Preparing for the next epidemic: The need for global collaboration**

Organiser:
European Commission – DG Research and Innovation – Unit E3, Fighting Infectious Diseases and Advancing Public Health
10.30 1S5 – Vaccinology

1S5.1 Efficient immunization and full protection from lethal challenge by PLLAV-YF17D, a novel thermostable and readily scalable plasmid-launched life-attenuated yellow fever vaccine candidate produced in E. coli
Dallmeier K., Mishra N., Marques R.E., Ae-Choi J., Kum D.B., Sanchez Felipe L., Julander J.G., Neyts J. (Belgium, Brazil & USA)

1S5.2 Dendritic cells, macrophages, and fibroblasts are the initial targets for replication of the live-attenuated yellow fever vaccine in the dermis
Schmid M.A., Mishra N., Neyts J., Dallmeier K. (Belgium)

1S5.3 Safety and immunogenicity of the Malaria Vaccine Candidate R21 adjuvanted with Matrix-M1 in West African adult volunteers, Burkina Faso
Alfred B. Tiono, Alphonse Ouedraogo, Sam Coulibaly, Edith Bougouna, Issa N. Ouedraogo, Nafisat Kenkani, Georgina Bowyer, Katie Ewer, Nicola Viebig, Amidou Diarra, Gregory Glenn, Odile Leroy, Adrian V. S. Hill, Sidiomon B. Sira (Burkina Faso, UK, Germany & USA)

1S5.4 Preclinical development of a new peptide-based vaccine against human leishmaniasis
Pissarra J., Holzmüller P., Bras-Goncalves R., Garnaud A., Lemesre J.L. (France & Tunisia)

1S5.5 An ongoing field trial to evaluate the influence of canine leishmaniasis vaccination (CaniLeish®) in the study of the disease seroprevalence in Spain
Velez R., Dornech E., Cairó J., Ballart C., Tebar S., Portús M., Gállego M. (Spain)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 4S7 - Vaccine-preventable diseases

4S7.1 Efficacy, effectiveness and safety of measles vaccination below nine months of age: A systematic review and meta-analysis

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

4S7.3 The use of first VOID urine to monitor HPV vaccination impact, results from Bhutan and Rwanda
Vorsters A., Pattyn J., Van Keer S., Biesmans S., Van Damme P. (Belgium)

4S7.4 Hit early, hit hard: Feasibility and effectiveness of the focused “Coup de Poing” measles outbreak response in the Democratic Republic of Congo
Van den Bergh R., Panunzi I., Benedetti G., Mandi H., Beinnsberger J., Bachy C., Pineda S., Lambert V., Zachariah R., Van Herp M. (Belgium & Democratic Republic of Congo)

4S7.5 Smallpox and BCG vaccination and HIV-1 in Guinea-Bissau and Denmark

15.00 Coffee Break

15.30 4S8 - Vaccination strategies

4S8.1 Extracting the incentives: Vaccination behavior as a multi-criteria decision
Verest f., Willem L., Kessels R., Beutels P. (Belgium & Australia)

4S8.2 Field challenges to measles elimination in the Democratic Republic of Congo
Coulborn R.M., Nackers F., Panunzi I., Bachy C., Porten K., Vochten H., Van Herp M., Bibala-Faray E., Cohuet S. (France, Belgium & Democratic Republic of Congo)

4S8.3 WHO gap III roadmap to compliance for poliovirus-essensial facilities
De Kessels T., Rüdelsheim P. (Belgium)

4S8.4 The value and unexpected by-product of a community engagement strategy aimed at addressing the immunisation gap in Northwest Ethiopia

4S8.5 Understanding girls’ preference for human papilloma virus vaccination in Ethiopia: A study protocol for Discrete Choice Experiment
Hailu A., Assefa R. (Ethiopia & Norway)

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

Organiser:
Barcelona Institute for Global Health (ISGlobal) - Initiative for Maternal, Child and Reproductive Health. Hospital Clinic, University of Barcelona, Spain
5S9 - Governance of Health Systems Managing Complexity, Managing Accountability

5S9.1 Performance of community health workers: Situating their intermediary position within complex adaptive health systems
Kok M.C., Taegtmeyer M., Broerse J.E.W., Dieleman M. Theobald S. (The Netherlands & UK)

5S9.2 Health systems governance in conflict-affected settings: Governing Kurdistan’s health system during the ISIS-related conflict
Zangana G.A., Mangouri Z. (Iraq)

5S9.3 Translation of multiple health systems flows in the language of complex networks
Eerens P. (Belgium)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 5OS9 - Complex adaptive governance in local health systems-When implementation instruments interact with local politics and shift accountability
Organiser: Sara Van Belle, Department of Public Health, Institute of Tropical Medicine, Antwerp, Belgium

15.00 Coffee Break

15.30 5OS10 - Strengthening comprehensive and integrated first line care for health & well-being - Exchange of approaches from low, middle and high income countries, aiming at launching a Community of Practice
Organiser: Pol De Vos, Institute Tropical Medicine, Antwerp Belgium

17.00 6S1 - International Funding Mechanisms

6S1.1 The love-hate relationship between European donors and the global health initiatives
Steurs L., Delputte S., Orbie J. (Belgium)

6S1.2 Behind the scenes: International NGOs, global-national policy transfer and the politics of concealment
Storeng K.S., Palmer J., Kloster M.O., Judy D. (Norway, UK & Australia)

6S1.3 European donors and health system strengthening: A distinct approach?
Steurs L., Delputte S., Orbie J. (Belgium)
3S6.4 Epidemiology of travel-related health events among HIV infected immigrants living in France and visiting their country of origin in sub-Saharan Africa: The ANRS-VIHVO Morbidity sub-Study
T. Pistone, S. Abgrall, E. Quattara, N. Lele, D. Gabillard, D. Mahy, O. Bouchaud (France)

3S6.5 Epidemiological and clinical profile of imported strongyloidiasis from the REDIVI network
Salvador F., Treviño B., Herrero-Martínez J.M., Rodríguez-Guardado A., Torrús D., Goikoetxea J., Zubero Z., Velasco M., Chamorro S., on behalf the REDIVI Collaborative Network (Spain)

15.00 Coffee Break

3S7 - Bacterial infections in the Tropics

3S7.1 Polymerase chain reaction for the diagnosis of Clostridium difficile infection in patients with persistent digestive disorders and asymptomatic controls in Côte d’Ivoire
Florian Bub, Justin K. Chatigre, Joel A. Yao, Jean T. Coulibaly, Lutz von Müller, Katja Polman, Marleen Boelaert, Eliézer K. N’Goran, Jürg Utzinger, Sören L. Becker (Germany, Côte d’Ivoire, Switzerland & Belgium)

3S7.2 No association between Salmonella intestinal carriage and Schistosoma mansoni infection in healthy individuals, Democratic Republic of the Congo
Lisette Mbuyi Kalonji, Barbara Barbé, Joule Madinga, Clementine Roucher, Gaelle Nkoji, Katja Polman, Pascal Lutumba, Marie-France Phoba, Octavie Lunguya, Jan Jacobs (Democratic Republic of Congo & Belgium)

3S7.3 Use of antibiotics prior to blood culture sampling in Nepal
Koirala K.D., Verdonck K., Barbé B., Khanal B., Bhattarai N.R., Pradhan B., Bhatta N.K., Karki P., Rijal S., Boelaert M., Chappuis F., Jacobs J. (Nepal, Belgium & Switzerland)

3S7.4 Arthropod-borne pathogens as cause of non-malarial fever in rural Ethiopia

17.00

3S8 - Challenging Syndromes and co-infections

3S8.1 Causes of non-traumatic paraplegia in Malawi
Zijlstra, E.E., van Heijlendon J., Mkandawire N., Katchanov J., Rothe C. (The Netherlands, Malawi & Germany)

3S8.2 Point-of-care chest ultrasound in South African children with suspected pulmonary tuberculosis

3S8.3 Prevalence of neglected infectious diseases in patients with persistent fever in Sihanouk Hospital Center of HOPE, Cambodia
Phe T., Lim K., Leng L., Verdonck K., Barbé B., Jacobs J., Parola P., Rijal S., Boelaert M., Chappuis F. (Cambodia, Belgium, France, Nepal & Switzerland)
3S9 - All about Leishmaniasis

3S9.1 Accuracy of antigen detection in urine using katex for non-invasive visceral leishmaniasis diagnosis and treatment monitoring in HIV-coinfected patients
Vogt F., Mekonnen T., Fikre H., Takele Y., Adem E., Mohammed R., Ritmeijer K., Adriaensen W., Diro E., Van Griensven J. (Belgium, Ethiopia & The Netherlands)

3S9.2 Evaluation of point-of-care tests for cutaneous leishmaniasis diagnosis in Afghanistan
Vink M., Nahzat S., Rahimi H., Buhler C., Ahmad B., Saboor A., Picado A., van Loenen M., Schallig H., Cruz I. (The Netherlands, Afghanistan, France & Switzerland)

3S9.3 Post-Kala-Azar Dermal Leishmaniasis (PKDL) treated with ambulatory short course AmBisome
Koert Ritmeijer, Sakib Burza, Asish Kumar Das, Raman Mahajan, Pradeep Das, Ahmed Be-Nazir, Margriet den Boer (The Netherlands, India, Bangladesh & UK)

3S9.4 South Sudan: A clinical severity scoring system for visceral leishmaniasis in HIV negative patients
Kämink S., Collin S.M., Harrison T., Gatluak F., Mullahzada A.W., Ritmeijer K. (The Netherlands, UK & South Sudan)

3S9.5 Prevalence and risk factors of asymptomatic leishmania infection in HIV-infected individuals in Northwest Ethiopia
Johan van Griensven, Saskia Van Henten, Bewketu Mengesta, Mengistu Endris, Dorien Van Den Bossche, Lieselotte Cnops, Wim Adriaensen, Yonas Gedamu, Florian Vogt, Ermias Diro (Belgium & Ethiopia)

3S9.6 Visceral leishmaniasis and HIV co-infection in Northwest Ethiopia: Uptake of antiretroviral treatment and burden of disease amongst patients enrolled in HIV care
Johan van Griensven, Tesfa Simegn, Mengistu Endris, Ermias Diro (Belgium & Ethiopia)

12.00
Lunch Break and Poster Tour (12.30 - 13.30)

13.30
4S9 - Control of Leishmaniasis

4S9.1 Cluster randomised trial and development of a sandfly sex pheromone lure to reduce Leishmania infantum infection
Courtensy C., Dilger E., Carter V., Bray D., Bell M., Gonzalez de Heredia M., Borges-Alves G., Nunes C., Brazil R., Hamilton G. (UK & Brazil)

4S9.2 Efficacy of commercial systemic insecticides in dogs at killing blood-fed sand flies

4S9.3 Update on Leishmaniasis Control in Suriname

4S9.4 Suffering in silence: A qualitative study on reasons of delay in seeking care for visceral leishmaniasis in Southern Gedaref, Sudan
Temmy Sunyoto, Atia M., Atia, Gamal Khalid, Gabriel Alcoba, Margriet den Boer, Marleen Boelaert (Belgium, Switzerland & Sudan)

4S9.5 What are the true outcomes of patients declared lost to follow up in a visceral Leishmaniasis program in Sudan?
Atia M., Atia, Margriet den Boer, Mousab Siddig Ethag, Rogia Ahmed, Gabriel Alcoba, François Chappuis, Johan van Griensven, Zachariah Rony (Sudan, Luxembourg, Switzerland, Belgium & UK)
15.00  Coffee Break

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

4S10.1  Does Leishmania donovani infection in asymptomatic individuals and Post Kala-azar Dermal Leishmaniasis play a role in the transmission of Visceral Leishmaniasis?
Shyam Sundar (India)

4S10.2  Elimination of visceral leishmaniasis on the Indian subcontinent: a comparison of multiple transmission models

4S10.3  Phlebotomus argentipes Sand Fly control in Bangladesh: A cluster randomized controlled trial
Rajib Chowdhury, Shyla Faria, M. Mamun Huda, Vashkar Chowdhury, Dinesh Mondal, Shireen Akhter, Sakila Akter, Shah Golam Nabi, Axel Kroeger, Daniel Argaw, Jorge Alvar (Bangladesh, Switzerland & Germany)

4S10.4  Health seeking behavior of patients in Muzaffarpur-TMRC HDSS may hinder Kala-azar elimination in Bihar, India
Malviya P., Hasker E., Boelaert M., Sundar S. (India)

17.00  6S3 - International Partnerships and Collaboration

6S3.1  Inequities in investments: a systematic analysis of global funding trends for malaria research in sub-Saharan Africa

6S3.2  Mefloquine: A case study of a product development partnership and why a life-saving drug is not available to patients who need it most
Temmy Sunyoto, Julien Potel, Els Tornelle, Marleen Boelaert (Belgium & Switzerland)

6S3.3  CYSTINET-Africa: An interdisciplinary network on Taenia solium cysticercosis and taeniosis research as well as capacity building in sub-Saharan Africa

6S3.4  Building a visceral leishmaniasis data-sharing platform to optimise treatment and inform future research
Guerin P.J., Otieno M., Alvar, J., on behalf of the IDDO VL data platform (UK, Kenya & Switzerland)

6S3.5  A framework for ethics review of research conducted in humanitarian contexts: The experience of the Ethics Review Board of Médecins Sans Frontières
Ravinetto R., Pringle J., Ku G.M., on behalf of the MSF Ethics Review Board (Switzerland)

10.30  3OS11 - Unsolved issues in the clinical management of imported tropical infections: A TropNet contribution
Organiser:
TropNet
Swiss Tropical Institute of Public Health, Basel, Switzerland

Lunch Break and Poster Tour (12.30 - 13.30)

8S8 - Obstetric Care

8S8.1  Maternal near miss morbidity and mortality in hiwot fana specialized university hospital, Eastern Ethiopia: A prospective cohort study
Tura A.K., van den Akker T., van Roosmalen J., Stekelenburg J., Zwart J., Scherjon S.A. (Ethiopia & The Netherlands)

8S8.2  Indications for caesarean sections in a rural hospital in Malawi
Bakker W., Bakker E., Huigens A.C., Kaunda E., Beltman J.J., van den Akker T.H. (Malawi & The Netherlands)

8S8.3  Feasibility of mobile phone data collection via within a longitudinal study of Ugandan women treated for obstetric fistula
Alison El Ayadi, Hadija Nalubwama, Justus Barageine, Susan Obore, Otthon Kakaie, Haruna Mwanje, Felicia Lester, Abner Korr, Josaphat Byamugisha, Suellen Miller (USA & Uganda)

8S8.4  The effect of improved trends in use of the partograph to actively monitor labor on newborn outcomes in southwestern Uganda
Ndagire K.G., Kiruruna I., Kagurusi P., Udope P. (Uganda)

8S8.5  Task-shifting of foetal heart rate monitoring during labour in low-resource settings:
Perceptions of skilled birth attendants, mothers and policymakers

15.00  Coffee Break

8OS4 - Measuring progress of Safe Motherhood programs: only a matter of international organizations?
Organisers:
Vincent De Brouwere and Thérèse Delvaux
Maternal & Reproductive Health Unit, Institute of Tropical Medicine, Antwerp, Belgium

8OS5 - Burden of maternal morbidity in low and middle income countries: knowns and unknowns - Measuring and addressing maternal morbidity: the next 5 years
Organisers:
Veronique Filippi, London School of Hygiene and Tropical Medicine, UK
Lale Say, World Health Organization
10.30 1S6 - Therapeutic Innovations

1S6.1 Discovery and lead-optimisation of two new antileishmanial pre-clinical candidates within an academic-industry partnership
De Rycker M. on behalf of the DDU/GSK Kinetoplastid Drug Discovery Team (UK & Spain)

1S6.2 Modelling the antimalarial activity of SJ733, a novel promising investigational antimalarial using early phase human pharmacokinetic and efficacy data
McCarty J.S., Woodford J., Gaur A.H., Panetta J.C., Freeman B.B., Marquart L., Chalon S., Kümmel A., Bebrevska L. (Australia, USA & Switzerland)

1S6.3 The effect of oral administration of antibiotics on Schistosoma Mansoni egg-induced pathology in mouse models
Kildemoes A.O., Schramm, G., Pakkenberg, B., Hansen, A.K., Skov, S., Nielsen D.S., Vennervald B.J. (Denmark & Germany)

1S6.4 Antiviral treatment efficiently inhibits Chikungunya virus replication in the joints of mice during the acute but not during the chronic phase of infection
Abdelnabi R., Jochmans D., Verbeke E., Delang L., Neyts J. (Belgium)

12.00 Lunch Break and Poster Tour (12.30 - 13.30)

13.30 3S10 - Management of Helminthiasis

3S10.1 Comparison of single kato-katz, duplicate kato-katz, mini-flotac and fecpakG2 for the assessment of anthelminthic efficacy of single dose albendazole

3S10.2 Egg excretion indicators for the measurement of soil-transmitted helminth response to treatment
Piero Olliaro, Michel Vaillant, Alissatou Diawara, Eliózer 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)

3S10.3 Landscape of studies generating individual participant data on the efficacy of drugs for treating soil-transmitted helminthiasis and the case for data sharing

3S10.4 Evolution of anthelminthic resistance in the era of preventive chemotherapy
Coffeng L.E., Stolk W.A., de Vlas S.J. (The Netherlands)

3S10.5 Hot topics in the diagnosis and management of strongyloidiasis
Buonfrate D., Bisoffi Z. (Italy)

15.00 Coffee Break
4OS6 - The role of multi-sectoral approaches for the prevention and control of malaria and emerging arboviral diseases

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

12.00
Lunch Break and Poster Tour (12.30 - 13.30)

13.30
3OS13 - International Networks for Travel Medicine

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

15.00
Coffee Break

15.30
8OS6 - The power of the image: Use of multimedia in health research, advocacy, and dissemination

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

17.00
8OS7 - Social and economic impact of Cutaneous Leishmaniasis (CL) in Latin America: A patient's perspective to inform better treatments and study design

Organisers:
Dalia Martinez 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**

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<td>08.30 - 10.00</td>
<td>Switzerland's contribution to research and control of malaria and the neglected tropical diseases</td>
<td>Give-and-take: sharing and using health research and programme data for improved impact</td>
<td>Late Breaker Session 1</td>
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**Programme at a glance - Friday 20/10**

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<td>Quality improvement and patient safety in low and middle income countries</td>
<td>Asset management in LMICs: A challenge with multiple answers</td>
<td>The secrets of effective networks -5 case studies focusing on structure and functioning of multi-stakeholder platforms</td>
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**Plenary Talks**

**Malaria elimination: Challenges and opportunities**
Umberto D’Alessandro, MRC Unit The Gambia, Banjul, Gambia

**Achieving impact at scale - Lessons from Africa**
Sodzi Sodzi-Tettey, Institute for Healthcare Improvement, Ghana

**Closing Ceremony**

**Farewell Lunch**
08.30  
**6OS9 - Give-and-take: Sharing and using health research and programme data for improved impact**

**Organisers:**
Piero Olliaro, Special Programme for Research and Training in Tropical Diseases (WHO/TDR), Geneva, Switzerland  
Alessandro Bartoloni, University of Florence and SIMET, Italy

10.00  
Coffee Break
08.30  
5OS11 - Quality Improvement and patient safety in low and middle income countries: Considerations on feasibility, challenges and success factors

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

10.00  
Coffee Break
5OS12 - Asset management in LMICs: a challenge with multiple answers

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

10.00 Coffee Break

6OS10 - The secrets of effective networks - 5 case studies focusing on structure and functioning of multi-stakeholder platforms

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

10.00 Coffee Break
**Poster List**

**1P1** Screening the pathogen box and the stasis box to identify compounds inhibiting *Madurella mycetomatis* growth in vitro and in vivo  
Konings M., Melse Y., van de Sande W. (The Netherlands)  
**1P2** Action of HIV and tuberculosis medication on CatSper Ca2+ channels in human sperm  
Schneider F., Brenker C., Schlatt S., Strünker T. (Germany)  
**1P3** Diagnostic performance of the Loop-Mediated Isothermal Amplification (LAMP) based illumigene® Malaria assay in a non-endemic region  
De Konincck A.-S., Cnopps L., Hofmans M., Jacobs J., Van den Bossche D., Philippe J. (Belgium)  
**1P4** Targeting the arginine permease 3 (ap3) coding sequence for rapid identification of Leishmania through high resolution melting (HRM) analysis.  
**1P5** Evaluation of the Leishbox compounds on Nepalese clinical isolates of Leishmania donovani, an industrial academic collaboration  
Hefnawy A., Cantizani J., Peña I., Dujardin J.C., de Muylder G. & Martin J. (Belgium & Spain)  
**1P6** Human stem cell-derived hepatocyte-like cells support Zika virus replication and provide a relevant model to assess efficacy of potential antivirals  
Tricot T., Helsen N., Kaptein S., Neyts J., Verfaillie C. (Belgium)  
**1P7** The ESBL NDP test: A tool for rational use of antibiotics in low resource countries  
Affolabi D., Sogbo F., Laleye G., Orenk A. (Benin)  
**1P8** Induced pluripotent stem cell-derived neuronal cultures as a model to study Zika virus infections and antivirals  
Lanko K., Kaptein S., Eggemont K., Patel A., Claes C., Guo W., Van Damme P., Van Den Bosch L., Delang L., Verfaillie C., Neyts J. (Belgium)  
**1P9** An immunomics approach detects promising candidate antigens for Ascaris Serodiagnosis in pigs and humans  
Vlaminck J., Dana D., Demeyer L., Mekonnen Z., Weil G.J., Geldhof P., Levecke B. (Belgium, Ethiopia & USA)  
**1P10** Diagnosis of Trypanosoma cruzi infection status in saliva of infected subjects  
Cortes-Serra N., Pinazo M.J., De la Torre L., Galizzi M., Gascon J. and Bustamante J.M. (Spain & USA)  
**1P11** Performance evaluation of a rapid diagnostic test for simultaneous diagnosis of malaria and screening for gambiense human African trypanosomiasis using archived samples  
Ndung’u J.M., Matovu E., Kitibwa A., Picado A., Biéler S., Bessell P.R. (Uganda, Switzerland & UK)  
**1P12** Evaluation of a Loop-Mediated Isothermal Amplification (LAMP) kit as a molecular diagnostic test for congenital Chagas disease  

**1P13** Serological tests for gambiense human African trypanosomiasis detect antibodies in cattle  
Matovu E., Kitibwa A., Picado A., Biéler S., Bessell P.R., Ndung’u J.M. (Uganda, Switzerland & UK)  
**1P14** In vitro and in vivo anti-malarial activity of extracts from *terminalia mantaly* (combretaceae)  
**1P15** Loop-mediated isothermal amplification of DNA is a rapid and accurate diagnostic for canine Leishmaniasis  
Ibarra-Meneses A.V., Sánchez C., Garcia E., Nieto J., Ortega S., Chicharro C., Moreno J., Ndung’u J.M., Cruz I., Carrillo E. (Spain & Switzerland)  
**1P16** Development of a point of care diagnostic test for the neglected tropical skin disease Buruli ulcer  
**1P17** Diagnosis of schistosomiasis without a microscope: A community-based survey using PCR and CCA-CAA detection on banked stool and urine samples from DR Congo  
**1P18** Can a Zika IGM and IGG immunoblot replace the virus neutralisation test to confirm screening test results?  
Van den Bossche D., Foque N., Michiels J., Ariën K.K., Van Estroock M. (Belgium)  
**1P19** The challenge in serodiscordant Chagas Disease: The role of two confirmatory techniques in inconclusive cases  
Mouré Z., Suléiro E., Iniesta L., Guillen C., Molina I., Alcover M.M., Pumarola T., Fisa R. (Spain)  
**1P20** Analysis of the specificity of a *Mycobacterium leprae* diagnostic qPCR  
Braet S., Vandelannoote K., Meehan C., Rigouts L., Brum Fontes A., Rosa P., Suyys P., De Jong B. (Belgium & Brazil)  
**1P21** Development of a nanobody-based amperometric immunocapturing assay for sensitive and specific detection of *Toxocara canis* excretory-secretory-antigen  
Morales-Yánez F.J., Sariego I., De Wael K., Polman K., Muylermans S., Trashin S. (Belgium & Cuba)  
**1P22** Anti-cancer potential of *Fasciola hepatica* extracts  
Ferreira S., Fernandes R., Alves H., Richter J., Botelho M.C. (Portugal & Germany)  
**1P23** Could Estradiol be used as a biomarker of infection in *Schistosoma haematobium* infected patients?  
Botelho M.C., Cardoso R., Bordalo A., Alves H., Richter J. (Portugal & Germany)  
**1P24** Optimization of the PAXgene Blood RNA system to store *Salmonella* cells for subsequent RNA analysis  
Rutanga J.P., Van Puyvelde S., De Block T., Jacobs J., Muvunyi C.M., Deborggraewe S. (Rwanda & Belgium)
1P25 Shotgun metagenomics as a tool for the rapid diagnosis and genotyping of Dengue
Lizarazo E.F., Couto N., Raangs E., Vincteri-Gonzalez M.F., Tovar R., Betencourt S.,

1P26 Usefulness of Toxocara canis larval low molecular weight excretory-secretory products for diagnosis of human toxocariasis
Saniego I., Rojas L., Cantillo J., Falcón R., Polman K. (Cuba & Belgium)

1P27 MRDT (Malaria Rapid Diagnostic Test): Rrivax pLDH cross react with Denguevirus (DENV)?
Grande R., Genco F., Palazzin A., Rovida F., Zanchetta N., Maserati R., Bruno A., Cevini C.,
Gismondo M.R., Meroni V. (Italy)

1P28 Neutrophil activation and enhanced release of granule products in HIV-TB immune reconstitution inflammatory syndrome
Nakwala J.K., Walker N.F., Diedrich C.R., Meintjes G., Wilkinson R.J., Mayanja-Kizza H.,

1P29 Influence of age, IPTp-SP, malaria infection and anaemia on naturally acquired antibodies levels to DBL5 and ID1-ID2A and the antibodies’ dynamic during postpartum in a rural setting of Burkina Faso
Traoré O., Yeranga W.I., Soriano H., Rouamba T., Ouedraogo N.J., Traoré-Coulibaly M.,
Valés I., Tinto H., Belem A.M.G., Traoré Y. (Burkina Faso)

1P30 Low levels of soluble CD40 ligand in asymptomatic leishmaniasis donovani co-infected HIV patients
Adriaensen W., Doro E., Abdelatit S., Gedamu Y., Mengesha B., Aden E., Vogt F., van Henten
S., Kestens L., Van Griensven J. (Belgium & Ethiopia)

1P31 Distribution of Duffy blood group (FY) phenotypes among Plasmodium vivax-infected patients in Nouakchott, Mauritania
Mint Hamdounou M., Deida J., Ebou M.H., El-Ghassam A., Lekweiry K.M., Ould Ahmedou
Salem M.S., Tahar R., Simard F., Basco L., Ould Mohamed Salem Boukhary M. (Mauritania & France)

1P32 Killer-cell immunoglobulin-like receptor genotyping by MULTIPLEX PCR-SSP in a Venezuelan population infected with cutaneous Leishmaniasis
Sanjuan-Pacheco W.A., Goncalves L., Ferrin G. (Venezuela)

1P33 Platelet-activating factor mediates endotoxin tolerance by regulating indoleamine 2,3-dioxygenase-dependent expression of the suppressor of cytokine signaling 3
Kyung Tae Noh (South Korea)

1P34 Decrease of serological markers of Th2 activity in a context of decreasing intestinal helminth prevalence: Chaco Region, Plurinational State of Bolivia
Delta Bella C., D’Eligs M. M., Spinicci M., Mantella A., Roselli M., Monasterio Pinckert J.,
Gamboa Barahona H., Ollario P., Montresor A., Bartoloni A. (Italy, Plurinational State of Bolivia, Switzerland & UK)

1P35 Parasitic exosomes as biomarkers for diagnosis in infectious diseases
Morales G., Cardenas D., Arroyo C., Ayala L., Seqqat R., Torres M. (Ecuador)

1P36 Recent uptake of intermittent preventive treatment during pregnancy with sulfadoxine-pyrimethamine is associated with selection of Pfdhfr mutations in Bobo-Dioulasso, Burkina Faso

1P37 Variable-Number-Tandem-Repeat Typing for Madurella mycetomatis isolates
Lim W., Eaidie K., van de Sande W. (The Netherlands)

1P38 Trypanosoma cruzi analysis by Next Generation Sequencing reveals an important genetic expansion
Callejas-Hernández F., Gironès N., Fresno M. (Spain)

1P39 High prevalence of Pfdhfr and Pfdhps genes mutations in pregnant women in Bobo-Dioulasso, Burkina Faso

1P40 Analysis of the Ubiquitin-conjugating (E2) gene, over-expressed in metacyclic promastigotes of Leishmania infantum extracted from Phlebotomus perniciosus
Larraga J., Alonso A., Alcolea P.J., Larraga V. (Spain)

1P41 Genome-wide analysis of gene expression in a knock-in cell line of Leishmania infantum over-expressing the elongation factor 2 gene
Alcolea P.J., Alonso A., Martinez E., Valladares B., Larraga V. (Spain)

1P42 Molecular subtyping of Blastocystis from symptomatic patients and healthy individuals from the southwestern Iran
Beirmavand M., Hardanipasand L. (Iran)

1P43 Expression analysis of Iron Super Oxide Dismutases (FeSOD A/ B) genes in sensitive and resistant field isolates of L. tropica to meglumine antimoniate using Real-Time RT-PCR
Hajjaran H., Bahrami A., Kazemi-Rad E., Mehebali M., Raoofian R., Oshaghi M.A. (Iran)

1P44 Pharmacogenetic profile of P450 2B6, 2C8 and 3A4 genetic variants and the clinical association with malaria recurrent infections in DR Congo
Baraka V., Hansson H., Makoko H.M., Nabasumba C., Francis F., Lutumba P., Alfrangis M.,
Van Geertruyden J.P. (Belgium, Democratic Republic of Congo, Uganda & Denmark)

1P45 Molecular epidemiology of hepatitis D virus in Togo
E., Aoun O., Lahaye F.M., Rapp C. (Egypt, France, Burkina Faso & Togo)

1P46 Molecular characterization of Trypanosoma cruzi in 4 Chagas disease patients infected by different routes of transmission
Moure Z., Sulleiro E., Ibáñez I., Rubio J.M., Martín A., Nieto J., Pumarola T., Flores Chávez M. (Spain)

1P47 Exploring the genetic basis for human trypanotolerance in African populations
Matovu E., the TrypanoGEN Network (Uganda)

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8P35  Impeding factors regarding appropriate feeding of infants and young children in Burkina Faso: Infant colic is a forgotten problem to manage
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2P2  Molecular identification and genetic characterization of tick-borne zoonotic anaplasma species in dogs in Lusaka, Zambia
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2P3  The tsetse fly (Glossina) challenge at wildlife/people/livestock interface of Akagera National Park, Rwanda
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2P4  Important foodborne bacteria and their antimicrobial resistances in Ecuadorian poultry
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2P5  Gastro-intestinal parasites infections in mountain gorillas (Gorilla beringei beringei) of Rwanda Volcanoes National Park: One Health Implications
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2P6  A one health approach to taenia solium control in sub-Saharan Africa
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2P7  Minyoo Matata – The vicious worm – A Taenia solium taeniosis/cysticercosis health education tool – in Swahili
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2P8  Experience of a Peruvian University using the “One Health (UnaSalud)” concept
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2P9  Systemic insecticide treatment of the canine reservoir of Trypanosoma cruzi induces high levels of lethality in Triatoma infestans, a principal vector of Chagas disease
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2P10  Gaps in the control of zoonoses in Nepal

2P11  One health to enhance the health status of nomadic pastoralists and their livestock
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2P12  Prevention of emerging zoonoses in central Africa: An overview from a veterinary perspective
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2P13  Knowledge and preventive practices of toxocariosis in school children and their parents trained on the disease in 2006 - District of San Juan de Lurigancho, Lima, Perú, 2010
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2P14 Seroprevalence of toxoplasmosis in pregnant and infants in Lubumbashi, Democratic Republic of Congo

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2P17 Use of One Health approach for anthrax outbreak response in Northern Tanzania - A case study of Seleta Ward in Monduli District, November 06
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2P19 *Erysipelothrix rhusiopathiae* infection in pigs, pork and among raw pork handlers in Kamuli District, Eastern Uganda
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2P39 Spatio-temporal distribution of the schistosomiasis to Schistosoma mansoni in the Chirwa health of Kapwepwe of 2011- 2015
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2P40 Rats as a potential reservoir of invasive non-Typhic Salmonella: A field study in Kisangani, Province of Tshopo, Democratic Republic of the Congo
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2P41 Ecological approach of anopheles labranchiae, vector of malaria in north of Morocco: Larache region

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2P44 Combining area-wide mosquito repellents and long-range attractants to create a “push-pull” system that protects against disease transmitting mosquitoes in Tanzania Mmbando A., Okumu F., Ngowo H., Abbas S., Matowo N., Kilalangongono M., Moore S. (Tanzania)

2P45 Biting behavior of malaria vector species in the Democratic Republic of Congo

2P46 Expansion in the distributional range of trypanosoma species parasitising cattle in Zimbabwe
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2P47 High prevalence of bed bug infestation in Ethiopian residential institutions; its psychological, social and health impact: A cross-sectional study
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2P53 Comparative entomological study on ecology and behaviour of malaria vectors in Badar-Abbas district, southern of Iran
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2P54 Lassa virus distribution and phylogeny in rodent populations in Bo district, Sierra Leone
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2P55 Manipulation of sandfly distribution within the peridomestic environment, and implications for the control of vector-borne disease
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4P4 Towards knowledge translation of community empowerment strategies in Dengue prevention: A fresh look at a cuban experience
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4P6  Spatial heterogeneity and persistence of dengue incidence in the north central region of Venezuela

4P7  Community intervention against Dengue in Ouagadougou: Theory and implementation fidelity
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4P9  Tuberculosis treatment outcomes among TB/HIV co-infected cases treated under directly observed treatment of short course in Nekemte, Western Ethiopia
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4P10 Prevalence of pulmonary tuberculosis among prison inmates: Across-sectional survey at the Correctional and Detention Facility of Abidjan, Côte d’Ivoire
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4P14 Exploratory results of intensification of the use of the Genexpert® MTB/RIF as support in the tracking the TB andTB-RR in Kinshasa
Bele A., Musala S., Okenge L., Kasereka J.C., Baleka J.F., Baboko B., Van Deun A., Kaswa M. (DRC & Belgium)

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4P17 TB SEQUEL: Pathogenesis and risk factors of long-term pulmonary sequelae defining the individual outcome and public health impact of TB disease
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4P18 Multidrug resistant tuberculosis in Ethiopian settings and its association with previous history of anti-tuberculosis treatment: A systematic review and meta-analysis
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4P22 Enhancement of TB research: A regional approach with the West African regional network for TB control (WARN-TB)
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4P25 Risk factors associated with TB co-infection in HIV/AIDS patients taking antiretroviral therapy (ART) in one of the public hospitals in Ethiopia
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4P28 Performance of community tracing system of people affected by Tuberculosis during ebola epidemic in Conakry, Guinea
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4P29 Biomedical and social support to vulnerable people affected by Tuberculosis in Guatemala: An effective governmental and non-governmental partnership implementation
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4P30 Successful integrated biomedical and social support to vulnerable people affected by Tuberculosis in Nicaragua
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4P31 Attitude of health care workers towards people living with HIV/AIDS (health care workers perspective) in Calabar Metropolis, Cross River State, Nigeria

4P32 Impact of BCG vaccination on global survival of children up to 1 year in rural Burkina Faso
Ouedraogo S., Diallo A.H., Médá N. (Burkina Faso)

4P33 Assessment of tuberculosis under-reporting through inventory studies in 3 European Union Member States
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4P34 Household contact tuberculosis investigation under re-engineered primary health care in the Free State Province, South Africa
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4P35 Elimination of tuberculosis in Cuba: Chimera or social reality for the XXI century
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4P36 Research towards improved tuberculosis control in the free state, South Africa – A narrative review
Heunis J.C., Chikovvu P., Kigozi N.G., van der Spoel-van Dijk A., Van Rensburg H.C.J., Janse van Rensburg A.P., Engelbrecht M.C. (South Africa)

4P37 Protective effectiveness of seasonal malaria chemoprevention
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4P38 Prevalence of parasitemia in an area receiving SMC
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4P39 Coverage rate of the optimal dose of intermittent preventive treatment with sulfadoxine-pyrimethamine during pregnancy in the rural district of Houndé, Burkina Faso
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4P40 Risk factors for persisting malaria among the Jarai ethnic minority along the Vietnam-Cambodia border
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4P41 Characteristics of malaria infection among the jarai ethnic minority in central Vietnam
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4P42 Fine scale mapping of malaria infection clusters by using routinely collected health facility data in urban Dar es Salaam, Tanzania

4P43 Housing improvement intervention reduce indoor malaria transmission in spite of pyrethroid resistant malaria vector
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4P44 Community perception and acceptance of environmental larviciding against malaria with BTI formulations in Burkina Faso: A mixed-methods study
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4P45 Environmental characteristics and evolution of malaria hotspots in a rural area, Burkina Faso
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4P46 Sulfadoxine-pyrimethamine versus Cotrimoxazole in pregnant women: Effect on birth weight-findings from a randomized, open-label, non-inferiority trial in Zambia

4P47 Risk factor assessment for malaria among forest-goers in a pre-elimination setting – Phu Yen province, Vietnam
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4P48 Targeted-reactive case detection at sleeping sites to interrupt malaria transmission in Vietnam II: Reported and observed malaria prevention, treatment and risk behaviors
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4P49 Net use and preference among those who slept in a forest or farm in the context of malaria multidrug resistance and elimination
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4P50 Community participation as part of formative research to design innovative malaria elimination strategies in The Gambia
Masunaga Y., Jaiteh F., D’Alessandro U., Okebe J., Muela Ribera J., Peeters Grietens K. (Belgium, Gambia & Switzerland)
Factors limiting the effectiveness of standardized malaria control strategies in forested highlands of Vietnam: A qualitative study

Efficacy and user acceptability of transfluthrin-treated sisal and hessian decorations for protecting against mosquito bites in outdoor bars
Masalu J., Finda M., Okumu F., Minji E., Mdirando A., Sikulu M., Ogoma S. (Tanzania & Kenya)

Dynamics of plasmodium vivax infections during a 2-year monthly follow up in the Peruvian Amazon

Characterization of the human malaria reservoir throughout the dry season in a forested area of central Vietnam: A pilot study

A nationwide school malaria parasitaemia survey for routine surveillance at district level in mainland Tanzania
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Increasing the time between incident malaria episodes in Ugandan children: A repeated intervention of IRS
Zinszer, K. Morrison K., Rek J., Arinaitwe E., Nankabirwa J., Kamy M.R., Dorsey G. (Canada, Uganda & USA)

A historical review of malaria control in Morocco: Disease and vectors
Laboudi M., Sadak A., Al Hartamou S., Faraj C. (Morocco)

The burden of malaria infection among 0-6 month old African infants in settings with low to high intensity of malaria transmission
Nahum A.M., Ceesay S., Bohissou F., Koivogui L., d’Alessandro U. (Benin, Gambia, Guinea)

Health beliefs of school-age children in podoconiosis affected families: A qualitative study in Southern Ethiopia
Tora A., Tadele G., Aseffa A., McBride C.M., Davey G. (Ethiopia, USA & UK)

Population-wide administration of single dose rifampicin for leprosy prevention in isolated communities: A feasibility study in Indonesia
Tiwari A., Dandel S., Mieras L., Richardus J.H. (The Netherlands & Indonesia)

The development of an application for digital recording of DITECT-HAT study participant data, including macroscopic and microscopic images
Büscher P., Hasker E., Lejon V. (Belgium & France)

Diagnostic tools for human African trypanosomiasis elimination and clinical trials
Lejon V., Mumba D., Ngay I., Camara M., Camara O., Kabda D., Kone M., Lumbala C., Makabuza J., Ilboudo H., Dama E., Fèreve B., Jamonneau V., Bucheton B., Büscher P. (France, South Africa, Guinea, Côte d’Ivoire, Burkina Faso, UK & Belgium)

4P54 The Kwahu-South malaria situation: Towards tailor-made interventions
Owuus E.D.A., Arko-Boahen B., Mens R.F., Grobusch M.P. (Ghana & The Netherlands)

4P55 Knowledge, perceptions and practices of community health workers regarding the use of long-lasting insecticide-treated nets for malaria control in Burundi
Nyabenda F., Nziyiyanana D., Aoun O., Lahaye F.M, Rapp C. (Egypt, Burundi & France)

4P56 Prevalence of mdr and k13 polymorphisms in Plasmodium falciparum after a decade of using artesinin-based combination therapy in mainland Tanzania

4P57 Repeated Artemisinin-based combination treatment and dynamics of Plasmodium falciparum strains in Uganda and the Democratic Republic of the Congo

4P58 Assessment of glucose-6-phosphate dehydrogenase (G6PD) deficiency in Plasmodium vivax malaria endemic setting in Mauritania

4P59 Defining the unit of intervention for targeted treatment of asymptomatic malaria carriers: A transdisciplinarity approach
Jaiteh F., Masunaga Y., Ribera J.M., D’Alessandro U., Balen J., Peeters Grietens K. (Gambia, Belgium, Switzerland & UK)

4P60 Feasibility of intermittent preventive treatment in infants: Experience of the Democratic Republic of Congo
Matangila J.R., Likwela J., Tsasa E., Gasigwa D. (DRC)

4P61 Role of community participation in malaria elimination interventions in south of Iran
Shahandeh K.H., Basseri H.R. (Iran)

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4P74 Visceral leishmaniasis cases in the non-endemic districts: Challenges to ongoing elimination programme in Nepal

4P75 Epilepsy perceptions and experiences of different stakeholders prior to the implementation of an epilepsy treatment programme in an onchocerciasis endemic region in Ituri, Democratic Republic of the Congo (DRC)
Dolo H., Ucima Wonya'ROSSI D., Mando E.N.M., Ngave F., Fraeyman J., Suykerbuyk P., Colebunders R. (Belgium, DRC, Mali & Belgium)

4P76 Healthy homes for healthy living: Home improvement to control vectorial transmission of Chagas disease in Loja Province, Ecuador
Nieto-Sanchez C., Grijalva M.J. (USA & Ecuador)

4P77 Improved access to diagnostics for rhodesiense sleeping sickness around a conservation area in Malawi enables early detection of cases and reduced mortality
Lemerani M., Jumah F., Bessell P., Biéler S., Ndung’u J.M. (Malawi, Scotland & Switzerland)

4P78 Mobile technology improves management of a gambiense human African trypanosomiasis (gHAT) elimination programme in Uganda
Wamboga C., Picado A., Matovu E., Biéler S., Bessell P.R., Ndung’u J.M. (Uganda, Switzerland & UK)

4P79 Costing of large scale strategies for active case finding of Human African Trypanosomiasis (HAT) in the Democratic Republic of the Congo

4P80 Quality assurance of active screening for Human African Trypanosomiasis elimination in the Democratic Republic of the Congo

4P81 The Human African Trypanosomiasis (HAT) Platform
Mbo F., Valverde O. (DRC & Switzerland)

4P82 Kala-Azar outbreak management in Bangladesh: A new initiative in the Kala-Azar elimination program

4P83 Tracking the progress: Visceral leishmaniasis elimination in Nepal
Cloots K., Uranw S., Riijal S., Boelaert M. (Belgium & Nepal)

4P84 Visceral leishmaniasis in the indigenous community in Bangladesh: A wake up call
Huda M.M., Chowdhury R., Mondal D. (Bangladesh)

4P85 A cross sectional study of Post Kala-Azar Dermal Lesihmaniasis (PKDL) with Visceral Leishmaniasis (VI) cases in Surja Kanta Kala-Azar Research Center (SKKRC), Bangladesh
Maruf S., Bisher A., Nath P., Mondal D. (Bangladesh)

4P86 Accelerating control of visceral leishmaniasis in Turkana County, Kenya, through improved access to diagnostics
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4P87 Epidemiology and burden of cutaneous leishmaniasis in sub-Saharan Africa: Evidence from a systematic review
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