

Programme Track 6: External factors influencing future health

Monday, September 16

17.00 Opening Plenary

18.30 Welcome Reception

Tuesday, September 17

07.00 Breakfast Seminar

08.00 Plenary

09.30 Break

10.00 – 12.30 Parallel Sessions

Organised Session:

Malaria eradication in the context of climate, land use and demographic changes

Abstract Session:

1104

The UK's current and future suitability for *Aedes albopictus*

Metelmann S., Caminade C., Hernandez-Colina A., Sherlock K., Blagrove M.S.C., Jones A.E., Medlock J.M., Baylis M., Morse A.P. (UK)

939

Impact of climate change on vector-borne diseases, recent findings

Caminade C., Baylis M., Blagrove M., Metelmann S., Morse A.P.M., Medlock J. (UK)

961

Climate information for public health action in Ethiopia

Thomson M.C., Woyessa A., Mason S.J., Dinku T. (USA & Ethiopia)

12.30 Lunch break – Sponsored Session / Poster Tour

15.30 Break

16.00 – 18.30 Parallel Sessions

Abstracts Session:

1050

Assessing the impact of climate change on sleeping sickness in Zimbabwe using a geospatial model of tsetse population dynamics

Longbottom J., Lord J., Torr S. (UK)

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359

Malaria: Bad Air. Is climate a reliable predictor for Malaria case distributions in the Dominican Republic?

Tapia L., Arredondo-Abreu C., Ruiz-Matuk C.B., Paulino-Ramirez R. (Dominican Republic)

881

Human relevant ticks and tick-borne pathogens from migratory birds in southern and central Europe

Battisti E., Urach K., Cardinale M., Felsberger G., Ferroglio E., Fusani L., Hodžić A., Hufnagl P., Duscher G.G. (Italy, Austria & Sweden)

Wednesday, September 18

07.00 Breakfast Seminar

08.00 Plenary

09.30 Break

10.00 – 12.30 Parallel Sessions

Organised Session:

Choosing a healthier future: Improving urban decision-making for people and planet

Abstract Session:

778

Snakebite management and the challenge of snake identification: Empowering neglected communities with artificial intelligence?

Ruiz de Castañeda R., Durso A., Alcoba G., Ray N., Mohanty S.P., Salathé M., Mondardini R., Fernandez-Marquez J.L., Chappuis F., Bolon I. (Switzerland)

791

Lessons learned from the implementation of a digital health information system in a constraint urban environment

Berghman E., De Caluwé P., Benjamin Ndoole A., Vaes L. (Belgium & DRC)

837

Making data sharing easy, feasible and accessible

Olesen O.F., Hajduk G.K., Jamieson N.E., Baker B.L., Pandya L.J., Habarugira J.M.V., Lang T. (The Netherlands & UK)

12.30 Lunch break – Sponsored Session / Poster Tour

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14.00 Parallel Sessions

Oral Session: Economics (14.00 -14.45 hrs)

267

Investing scarce resources wisely – systematically analysing research funding to improve decision-making in health research and reduce future burdens of disease

Head M.G., Brown R.J., Batchelor J. (UK)

957

Socioeconomic inequalities in arboviral diseases in Latin America: Estimating and decomposing the index of inequality for dengue, zika and chikungunya in Colombia and Brazil

Carabali M., Harper S., Lima-Neto A., Caprara A., Restrepo B.N., Kaufman J.S. (Canada, Brazil & Colombia)

Discussion

15.30 Break

16.00 – 18.30 Parallel Sessions

Abstract Session:

1084

eLearning solution for capacity strengthening of health professionals: The experience of Guinea

Delvaux T., Delamou A., Millimouno M., Kourouma K., Kolié M., Beavogui A.H., Garcia M., Kiyani C., Roegiers S., Van Damme W. (Belgium & Guinea)

281

What about the women? Are they worth targeting to reduce poverty in developing countries? Evidence from Dodowa Health and Demographic Surveillance System (DHDSS)

Kwame Darkwa E., Nartey K., Odonkor G., Ataa-Pomaa M., Manyeh A.K., Narh-Bana S., Ami Kukula V., Amu A., Gyapong M. (Ghana)

634

Going digital: Added value of electronic data collection for large-scale household surveys

Mergenthaler C., Rood E., Safi S., Sondorp E., Kleipool E., Sayed A., Juskiewicz K., Singh R., Amini K., Burnham G., Alba S. (The Netherlands)

18.30 Conference Dinner

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Thursday, September 19

**07.00 Breakfast Organised Session:
Film "Food Evolution" and Panel Discussion**

08.00 Plenary

09.30 Break

10.00 – 12.30 Parallel Sessions

**Organised Session:
Surveillance and response systems in Geospatial Health**

Abstract Session:

730

Using machine learning predictions of malaria prevalence to improve geostatistical disaggregation models of incidence

Lucas T.C.D., Nandi A., Nguyen M., Rumisha S., Battle K.E., Howes R.E., Cameron E., Gething P.W., Weiss D.J. (UK)

500

Agrochemical pollution increases abundance of Schistosoma host snails in western Kenya

Ganatra A.A., Becker J., Kandie F., McOdimba F., Torto B., Lelo E., Brack W., Fillinger U., Liess M. (Kenya)

12.30 Lunch break – Sponsored Session / Poster Tour

14.00

15.30 Break

16.00 – 18.30 Parallel Sessions

Abstract Session:

361

Is climate the great driving force behind dengue infections in urban areas? A study in dengue-endemic Santo Domingo, Dominican Republic

Tapia L., Arredondo-Abreu C. Ruiz-Matuk C.B., Paulino-Ramirez R. (Dominican Republic)

812

Identification of high-risk areas of leprosy in northwest Bangladesh – A geospatial modelling and ecological study

Bulstra C., Butlin C.R., Alam K., Blok D., Bowers B., Johan Chandra Roy⁴, Peter Nicholls, Epke Le Rutte^{1,6}, Sake de Vlas¹, Jan Hendrik Richardus (The Netherlands, Germany, UK, Bangladesh, Australia & Switzerland)



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1137

Spatial distribution and polymorphism of the PfKelch13 gene in Africa in the era of emerging plasmodium falciparum resistance to artemisinin and derivative drugs: A comprehensive systematic review

Kayiba N., Yobi D., Rosas-Anguirre A., Devleeschauwer D., Mvumbi D., Okitolonda E., DeMol P., Mvumbi G., Hayette M-P., Speybroeck N. (Belgium & DRC)

Friday, September 20

08.00 – 10.00 Parallel Sessions

10.00 Break

10.30 – 12.00 Parallel Sessions

Organised Session:

Launching WikiTropica: A collaborative knowledge and teaching platform on tropical medicine

12.00 Closing Plenary