

Pioneering research: scientists united in global effort to combat Zika

ZikaPLAN Webinar 1

Wednesday February 24, 2021 (13:00 - 16:00 GMT)

13:00 Session launch

Prof. Annelies Wilder-Smith - Scientific Coordinator ZikaPLAN
Department of Epidemiology and Global Health, Umeå University, Sweden

13:10 Zika Virus in an unequal world: the contributions from Social Sciences and Humanities

Dr. Gustavo Matta - Zika Social Science Network Coordinator
Fundação Oswaldo Cruz (FIOCRUZ), Brazil

13:25 Zika virus infections during pregnancy and Congenital Zika Syndrome

Chair: Dr. Elizabeth Brickley
London School of Hygiene & Tropical Medicine, UK

Zika virus infections during pregnancy and children's neurodevelopment delays

Dr. Maria Elisabeth Lopes Moreira
Fundação Oswaldo Cruz (FIOCRUZ), Brazil

Risk of adverse outcomes in the first years of life in children born to mothers exposed to ZIKV infection during pregnancy

Prof. Ricardo Arraes de Alencar Ximenes
Departamento de Medicina Tropical - Universidade de Pernambuco, Brazil

Contributions of Microcephaly Epidemic Research Group Paediatric Cohort (MERG-PC) to the understanding of the congenital Zika syndrome spectrum

Prof. Demócrito de Barros Miranda-Filho
Departamento de Medicina Interna - Universidade de Pernambuco, Brazil

Q & A

14:20 Break

14:25 **New insights into Zika virus biology**

Chair: Dr. Louis Lambrechts

Insect-Virus Interactions Unit, Institut Pasteur, UMR2000, CNRS, France

What mosquito genetics taught us about Zika virus emergence

Dr. Louis Lambrechts

Insect-Virus Interactions Unit, Institut Pasteur, UMR2000, CNRS, France

Pre-existing T cell memory against Zika virus

Dr. Daniela Weiskopf

Division of Vaccine Discovery - La Jolla Institute for Immunology, USA

Mouse models and the development of antivirals against Zika

Dr. Suzanne Kaptein

Department of Microbiology, Immunology and Transplantation, KU Leuven, Belgium

Q&A

15:10 **Break**

15:15 **Risk modelling and vector control**

Chair: Prof. James Logan

London School of Hygiene & Tropical Medicine, UK

Exploring personal protection against Zika vectors and launch of the Global Vector Hub

Prof. James Logan

London School of Hygiene & Tropical Medicine, UK

Modelling analysis and reflections of the Zika virus epidemic

Dr. Kathleen O'Reilly

London School of Hygiene & Tropical Medicine, UK

Q&A

15:50 **Wrap up**

Prof. Annelies Wilder Smith - Scientific Coordinator ZikaPLAN

Department of Epidemiology and Global Health, Umeå University, Sweden

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