

# 3<sup>rd</sup> International Conference on ZIKA VIRUS AND AEDES RELATED INFECTIONS



February 13-16, 2020  Washington DC, USA



## Thursday, 13 February, 2020

17:00	Registration opens at the Marriott at Metro Center
18:00	Meet & Greet

## Friday, 14 February, 2020

08:00	Registration, poster viewing and visit the exhibition
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09:00 - 11:00      SESSION 1 - INTERACTION OF FLAVIVIRUSES ANTIBODIES

### KEYNOTE LECTURE:

FRIEND OR FOE: ANTIBODY RESPONSES TO DENGUE AND ZIKA VIRUS INFECTIONS

**Eva Harris**, Division of Infectious Diseases and Vaccinology, School of Public Health, University of California, Berkeley, USA

PAPERS ACCEPTED FROM ABSTRACTS  
**TBA**

11:00	Coffee, poster viewing and visit the exhibition
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11:30 - 13:00      SESSION 2 - EPIDEMIOLOGY

AEDES TRANSMITTED DISEASES - BEYOND FLAVIVIRUSES

**Duane J. Gubler**, Programme in Emerging Infectious Diseases, Duke-NUS Medical School, Singapore

THE CHANGING EPIDEMIOLOGY OF AEDES RELATED INFECTIONS  
**TBA**

YELLOW FEVER IN SOUTH AMERICA  
**TBA**

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## Friday, 14 February, 2020 (Cont.)

11:30 - 13:00

SESSION 2 - EPIDEMIOLOGY (CONT.)

AEDES-BORNE INFECTIONS IN THE GULF COUNTRIES

**Eskild Petersen**, Tropical Medicine, Institute of Clinical Medicine, Aarhus University, Denmark  
& Department of Infectious Diseases, The Royal Hospital, Muscat, Sultanate of Oman

**DEBATE:**

SHOULD WE CONTINUE SCREENING FOR ZIKA IN PREGNANT WOMEN (LOCAL, TRAVELERS)

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13:00 - 15:00

COMPANY SPONSORED LUNCH SYMPOSIUM

15:00 - 17:00

SESSION 3 - VACCINES

**KEYNOTE LECTURE:**

DENGUE VACCINES UPDATE

**TBA**

DENGUE VACCINE

**TBA**

ZIKA VACCINE

**TBA**

ANTI-ZIKA VIRUS HYPER-IMMUNE IGGS IN MICE MODEL

**Yuval Sagiv**, Kamada, Israel

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## Saturday, 15 February, 2020

09:00 - 11:00

### SESSION 4 - AEDES ENTOMOLOGY AND CONTROL

#### KEYNOTE LECTURE:

PREDICTING THE FUTURE DISTRIBUTION OF AEDES MOSQUITOES AND  
RELATED VIRUSES

**Moritz Kraemer**, Department of Zoology, University of Oxford, Oxford, UK

WOLBACHIA-INFECTED MOSQUITOES - WHERE WE ARE  
**TBA**

THE INTERACTION OF THE VIRUS AND ITS HOST  
**TBA**

11:00

Coffee, poster viewing and visit the exhibition

11:30 - 13:00

### SESSION 5 - CLINICAL ASPECTS

#### KEYNOTE LECTURE:

ZIKA-LONG TERM FOLLOW UP ON ZIKA-INFECTED INFANTS

**Celina Turchi-Martelli**, Microcephaly Epidemic Research Group, Instituto de  
Pesquisa Aggeu Magalhaes, Fiocruz Pernambuco, Recife, Brazil

#### ROUND TABLE:

CONGENITAL ZIKA SYNDROME: THE BRAZILIAN EXPERIENCE

CHIKUNGUNYA VIRUS DISEASE AND DENGUE AMONG EUROPEAN  
UNION TRAVELLERS, 2018

**Celine Gossner**, Surveillance and Response Support Unit, European Centre  
for Disease Prevention and Control (ECDC), Solna, Sweden

ALPHAVIRUSES ARTHROPATHY

**Lin Chen**, Director, Travel Medicine Center, Mount Auburn Hospital; Associate  
Professor of Medicine, Harvard Medical School, Cambridge, MA, USA

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## Saturday, 15 February, 2020 (Cont.)

11:30 - 13:00

SESSION 5 - CLINICAL ASPECTS (CONT.)

### DENV SEXUAL TRANSMISSION

**Martin P. Grobusch**, Chair, Tropical Medicine and Travel Medicine;  
Head, Center for Tropical Medicine and Travel Medicine, Department  
of Infectious Diseases, Division of Internal Medicine, Academic  
Medical Center, University of Amsterdam, The Netherlands

### DENGUE IN TRAVELERS, GEOSENTINEL DATA TBA

#### DEBATE:

### DENGUE - ADE & THE SIGNIFICANCE OF SECOND INFECTION

Pro: **TBA**

Con: **Eli Schwartz**, The Center for Geographic Medicine and  
Tropical Diseases, The Chaim Sheba Medical Center, Tel  
Hashomer, Israel

13:00 - 15:00

COMPANY SPONSORED LUNCH SYMPOSIUM

15:00 - 17:00

SESSION 6 - DIAGNOSIS & LABORATORY ASPECTS

#### KEYNOTE LECTURE:

### SEVERE DENGUE-HISTORICAL PERSPECTIVE

**Scott Halstead**, Department of Preventive Medicine and Biometrics, Uniformed  
University of the Health Sciences, Bethesda, MD, USA

### THE ANTIBODIES ENHANCEMENT PHENOMENA IN THE LAB

**Tomer Hertz**, Israel



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## Saturday, 15 February, 2020 (Cont.)

15:00 - 17:00

SESSION 6 - DIAGNOSIS & LABORATORY ASPECTS (CONT.)

DIAGNOSIS OF ZIKA VIRUS IN ISRAELI TRAVELERS – CAN WE SAFELY  
GET PREGNANT?

**Yaniv Lustig**, Central Virology Laboratory, Ministry of Health, Tel Hashomer,  
Israel

MOLECULAR DIAGNOSTICS AND SURVEILLANCE OF DENGUEVIRUSES

**John WA Rossen**, Department of Medical Microbiology and Infection  
Prevention, University of Groningen, University Medical Center Groningen,  
Groningen, The Netherlands

DENGUE RAPID TEST FOR POTENTIAL DENGUE VACCINE RECIPIENTS  
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## Sunday, 16 February, 2020

09:00 - 11:00

### SESSION 7 - VIROLOGY – YELLOW FEVER

FRACTIONAL YELLOW FEVER VACCINATION: ADVANCING THE EVIDENCE

**Annelies Wilder Smith**, London School of Hygiene and Tropical Medicine, London, UK; Consultant, WHO Initiative for Vaccine Research

YELLOW FEVER IN BRAZIL – MOLECULAR ANALYSIS

**TBA**

WHY IS THERE NO YELLOW FEVER IN ASIA?

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PAPERS ACCEPTED FROM ABSTRACTS

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11:30 - 13:00

### SESSION 8 - CONCLUSION: LOOKING BACK AND LOOKING FORWARD

ZIKA VIRUS: AFTER THE PANDEMIC

**Didier Musso**, Aix Marseille University, IRD, AP-HM, SSA, VITROME, IHU-Méditerranée infection, Marseille, France

THE CONTRIBUTION OF ZIKA EPIDEMIC TO FLAVIVIRUSES RESEARCH (IMPROVING DIAGNOSIS, NON-MOSQUITOES TRANSMISSION, VIRAL TERATOGENY)

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