

**INTERNATIONAL SYMPOSIUM
ONDENGUE, ZIKA AND CHIKUNGUNYA:
CONTROL AND PREVENTION: EXPECTATIONS AND CHALLENGES**

**April 28th-29th, 2017
New Delhi, India**

**Venue: Dr Ramalingaswamy Board Room, AIIMS
Ansari Nagar East, New Delhi, India**



Program:

Organized & supported by AIIMS, New Delhi & Fondation de l'Académie de Médecine,
The Paris Descartes University, Sanofi Pasteur & French Embassy in India

Objectives:

- To present the epidemiology of these vector borne diseases and impact of climatic changes;
- To analyse the impact and clinical consequences of these diseases;
- To analyse the control and prevention measures: vector control, vaccines, etc.

FRIDAY 28th APRIL 2017: 9:00 am - 5:30 pm

Opening session

9:00 am - 9:15 am: **Inauguration** by Prof Randeep GULERIA, Director, AIIMS, Prof Balram AIRAN, Dean (Academic), AIIMS, Prof A.K.MAHAPATRA, Dean (Research), AIIMS, Dr Yves JUILLET (FAM Secretary General), Prof Rita SOOD, Prof Sanjeev SINHA, Prof Dominique SALMON, Prof M. Bajpai, Prof François BRICAIRE

9:05 am - 9:15 am: **Inaugural address** by Prof Randeep GULERIA, Director, AIIMS, New Delhi

09:15 am - 09:30 am: **Welcome note** by Prof Balram AIRAN, Dean (Academic), AIIMS & Dr Yves JUILLET (FAM Secretary General)

Session 1: Virology, epidemiology and expansion of the diseases

Chairs: Prof Rita SOOD, Prof Sushil Kumar KABRA

09:30 am - 10:00 am: **Environmental factors, Vector Biology and Behaviour**

Mme Anna-Bella FAILLOUX, Pasteur Institute, Paris - France

10:00 am - 10:30 am: **Biological factors, interaction between viruses**

Dr Aashish CHOUDHARY, AIIMS, New Delhi - India

10:30 am - 11:00 am: **Epidemiology of dengue in India**

Dr Ashutosh BISWAS, AIIMS, New-Delhi - India

11:00 am - 11:30 pm: Tea break

11:30 am - 12:00 pm: **Expansion of Zika epidemic worldwide and consequences for patient care**

Prof François BRICAIRE, Pierre et Marie Curie University, Paris – France

12:00pm -12.15 pm: Chikungunya: AIIMS Experience-Dr Wasim KHOT, AIIMS

Session 2: Scientific advances on diagnostics and care

Chairs: Prof Gita SATPATHY, Mme Anna-Bella FAILLOUX

12:15 pm - 12:40 pm: **Dengue diagnosis & management in India**

Dr Sanjeev SINHA, AIIMS, New Delhi - India

12:40 pm - 01:10 pm: **Pathophysiological characteristics of severe dengue**

Dr Laurent THOMAS, Fort-de-France University Hospital, Martinique - France

01:10 pm - 02:00 pm: Lunch

Chairs: Prof Rama CHAUDHRY, Dr Manish SONEJA

02:00 pm - 02:30 pm: **Chikungunya: Experience of La Reunion Outbreak**

Dr Philippe DESPRES, University of La Reunion Island - France

02:30 pm - 03:00 pm: **Biological tools and diagnostics challenges**

Prof Vincent DEUBEL, Pasteur Institute, Paris - France

03:00 pm - 03:30 pm: **New diagnostic tools for dengue and Zika: Luminex**
Dr Philippe DESPRES, *University of La Reunion Island - France*

03:30 pm - 04:00 pm: Tea break

Session 3: Prevention and control of the diseases: Non vaccine prevention strategies

Chairs: **Prof Naveet WIG, Dr Laurent THOMAS**

04:00 pm - 04:30 pm: **Vector control tools and Emerging diseases transmitted by the same vector.** **Dr Prabir Kumar SEN**, *NVBDCP, New Delhi - India*

04:30 pm - 05:00 pm: **Integrated Vector Control Management**
Dr Kalpana BARUAH, *NVBDCP, New Delhi - India*

5:00 pm - 5:30 pm: **Innovative Vector Control approaches**
Mme Anna-Bella FAILLOUX, *Pasteur Institute, Paris - France*

SATURDAY 29th APRIL 2017: 9:00 am - 2:00 pm

Session 4: Prevention & control of the diseases: Vaccination:

Chairs: **Prof Arti KAPIL, Prof N.K. VIKRAM**

09:00 am - 09:30 am: **Long term follow-up of dengue vaccine and expected impact of dengue vaccination (through disease transmission models)**

Dr Stéphanie MEYER, *Sanofi Pasteur, Lyon - France*

09:30 am - 10:00 am: **Update on Global WHO recommendations and appropriations for vaccines use**
Prof Dominique SALMON, *Paris Descartes University - France*

10:00 am - 10:30 am: **Engineering modified Zika Virus and immunization strategies**

Dr Vaithi ARUMUGASWAMI, *Cedars-Sinai Medical Center & UCLA, Los Angeles, USA*

10:30 am - 11:00 am: Tea break

Session 5: Challenges in vaccination implementation

Chairs: **Dr G.N. SINGH, Dr N.S.DHARAMSHAKTU**

11:00 am - 11:30 am: **Case study from Philippines**

Dr Julius LECCIONES, *Children's Medical Centre, Quezon City, Manila - Philippines*

11:30 am - 12:00 am: **Case study from Brazil**

Prof Expedito José DE ALBUQUERQUE LUNA, *Tropical Medicine Institute, São Paulo University - Brazil*

12:00 pm - 12:30 pm: **Difficulties in public health decision for dengue vaccine in India**

Dr Prabir Kumar SEN, *NVBDCP, New Delhi - India*

12:30 pm - 13:15 pm: Panel discussion on Dengue Vaccine

1. Dr N.S.DHARAMSHAKTU, Principal Adviser (PH) to Government of India, Ministry of Health & FW, New Delhi.
2. Dr Mala CHHABRA, Additional Director, Head, Zoonosis Division, NCDC; New Delhi
3. Dr Pramesh Chandra BHATNAGAR, Executive Director, VHAI, New Delhi
4. Dr Sushant SHARMA, Assistant Drugs Controller,
CENTRAL DRUGS STANDARD CONTROL ORGANIZATION, Ministry of Health & FW, New Delhi
5. Mrs AB FALLOUX, Pasteur Institute, Paris, France
6. Prof V DEUBEL, Pasteur Institute, Paris, France

Moderators-

1. Prof Salmon DOMINIQUE, Paris Descartes University, Paris, France
2. Dr Prabir Kumar SEN, Additional Director and HOD (Dengue), NVBDCP, Ministry of Health & FW, New Delhi.

13.15-13.30- Quiz- Dr Srikant MOHTA, Dr Kartik GUPTA & Dr Shivdas NAIK

13.30-13.35-Vote of Thanks: Dr Pankaj JORWAL, AIIMS

13:35 pm: Lunch

Each speaker is requested to plan his/her talk for 15 - 20 minutes to be followed by 5-10 minutes of discussion.

Compering of the programme-

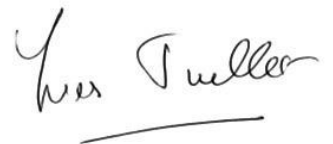
Dr Siddharth JAIN/ Dr Agrima Mian/ Dr Parul KODAN/ Dr Kartik GUPTA/ Dr Abhenil MITTAL

« The Dengue & Chikungunya infections in India are seasonal. While efforts are constantly being made for prevention of upsurge & outbreaks of these diseases. Parallel efforts are being made to update the knowledge on prevention and research in these diseases. The firm collaboration between AIIMS and FAM, which is in third year now, seems to strengthen the ties in the areas of academic excellence and make further inroads in the understanding of these diseases. We welcome our French guests and guests from other countries for this very important symposium on Dengue, Zika and Chikungunya, organized jointly by AIIMS and FAM. AIIMS is proud of organizing this symposium in collaboration with FAM ».

Prof Randeep GULERIA

« This important Symposium on Dengue, Zika and Chikungunya, organized jointly by AIIMS and the Fondation of the Academy of Medicine of France, is a direct follow up of the two Forums that took place previously in Delhi and Paris on November 2015 and 2016. The international experts coming from all over the world will have the opportunity to share their views and their own specific experiences. We welcome particularly this important initiative given the public health threats of these diseases and the challenges of their control and prevention. The Fondation of the Academy of Medicine is proud to contribute to this fight. »

Dr Yves JUILLET



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