



Department of Biotechnology
Ministry of Science & Technology
Government of India



CEPI
New vaccines
for a safer world



ट्रान्सलेशनल स्वास्थ्य विज्ञान
एवं प्रौद्योगिकी संस्थान
TRANSLATIONAL HEALTH SCIENCE
AND TECHNOLOGY INSTITUTE

WORKSHOP ON CHIKUNGUNYA VACCINES CHALLENGES, OPPORTUNITIES & POSSIBILITIES

5th – 6th February 2018, Le Meridien, New Delhi

AGENDA

Monday 5 February 2018 Le Meridien (Sovereign 2)

Time	Topic	Speaker
08.00 - 08.45	Registration	
09.00 - 09.30	Chikungunya disease and the role of CEPI and India	Frederik Kristensen Gagandeep Kang

Session 1: Epidemiology of Chikungunya disease Chaired by Peter Smith

09.30 – 09.50	Global spread of Chikungunya over the past decades	David Morens
09.50 – 10.00	Chikungunya disease; Clinical manifestations	Fabrice Simon
10.00 – 11.00	Regional updates on epidemiology from: Asia Africa South America	Sanjay Mehendale Amadou Sall Fabrice Simon

11.00 – 11.30 Coffee Break

Session 2 Prospects for vaccine prevention

11.30 – 12.00	Panel: Does Chikungunya have the potential for further spread? <i>Chaired by Stanley Plotkin</i>	Henrik Salje Scott Weaver Christine Carrington Marcelo Burattini
12.00 – 12.30	Panel: Do we need a Chikungunya vaccine? <i>Chaired by David Kaslow</i>	Fabrice Simon Sujatha Sunil Rodriguez Morales Christofer Mores
12.30 – 13.00	Panel: How does Chikungunya epidemiology affect the implementation of a vaccine? <i>Chaired by Peter Smith</i>	Amadou Sall In Kyu Yoon Jelte Elsinga Suresh Mahalingam

13.00 – 14.15 Lunch and Group Photograph

Time	Topic	Speaker
Session 3: Market analyses for a Chikungunya vaccine Chaired by Stanley Plotkin		
14.15 – 14.30	Chikungunya vaccine demand estimate for India	Sourabh Sobti

14.30 – 14.45	A perspective from Themis Panel: Is there a market for Chikungunya vaccines?	Alexander Kort Pradeep Haldar
14.45 – 15.15	<i>Chaired by Stanley Plotkin</i>	Heather Deehan Sophie Mathewson Alexander Kort

15.15 – 15.45 Coffee Break

**Session 4: Aspects of preclinical vaccine development
Chaired by Marc Lecuit**

15.45 - 16.10	Vaccine principles and immunogenicity	Peter Liljeström
16.10 – 16.20	Mechanisms of Disease	Marc Lecuit
16.20 – 16.35	Antigen variation	Suresh Mahalingam
16.35 - 17.00	Tools for preclinical development; Biological standards, assays and animal model	David Beasley
17.00 – 17.25	The importance of Chikungunya diagnostics	Ralph Huits
17.25 – 17.45	WHO's Preferred Product Characteristics (PPCs): Considerations for Chikungunya vaccines	Joachim Hombach

17.45 Poster session; drinks and networking (Desire Hall)

19:00 Dinner – Desire Hall, Le Meridien, New Delhi

Tuesday 6 February 2018 Desire Hall, Le Meridien, New Delhi

Time Topic Speaker

**Session 5: Chikungunya vaccine candidates - how far along are we?
Chaired by Gagandeep Kang**

9.00 – 9.20	Vaccine pipeline and; current development status	Johan Holst
9.20 – 9.45	Chikungunya vaccine development: GMP production and phase 1 clinical trials	Sumathy Kandaswamy
9.45 – 10.10	Development of novel CHIKV/IRES vaccine candidate against Chikungunya infection	Samir Desai
10.10 – 10.35	Development of a virus-like particle vaccine for Chikungunya	Darly Manayani
<i>10.35 – 11.05 Coffee Break</i>		
11.05 – 11.30	Phase 2 clinical safety and immunogenicity of a measles vectored Chikungunya vaccine	Katrin Ramsauer
11.30 – 11.55	Clinical development of a Chikungunya vaccine using the Chimpanzee adenovirus ChAdOx1	Arturo Reyes-Sandoval
11.55 – 12.20	Chikungunya - a reemerged tropical disease - development of a live-attenuated vaccine	Nina Wressnigg
12.20 – 12.30	Q&A for the vaccine session	

12.30 – 13.30 Lunch

**Session 6: Development challenges, opportunities and possibilities
Chaired by Gagandeep Kang**

13.30 – 13.45	Summary on any key bottlenecks, barriers raised.	Gagandeep Kang
13.45 – 14.00	Global Virus Network and Chikungunya Panel: Biological standards, assays and animal models	Christian Bréchet Suresh Mahalingam
14.00 – 14.30	<i>Chaired by Ann Powers</i>	David Beasley Ralph Huits Sally Baylis

14.30 – 15.00	Moving from preclinical to clinical development <i>15.00 – 15.30 Coffee Break</i>	Cristina Casetti
15.30 – 16.00	Panel: Clinical trials <i>Chaired by David Kaslow</i>	Jon Smith Mujibur Rahman Andre Siquera Peter Smith
16.00 – 16.30	Panel: Regulatory perspectives <i>Chaired by Joachim Hombach</i>	S Eswara Reddy Y. K. Gupta Marion Gruber Pieter Neels
16.30 – 17.00	Panel: Funding opportunities <i>Chaired by Gagandeep Kang</i>	K. Vijayraghavan Renu Swarup Harish Iyer David Kaslow Josie Golding Cristina Casetti

17:00

Closing: Reflections on the workshop
Stanley Plotkin