

# ICGEB Alumni Meet-2023

## ICGEB-CONNECT: Science, Training and Career Building

27-28<sup>th</sup> November, 2023



**Monday 27<sup>th</sup> November**

08:00-08:45 Registration

### Inaugural Session

08:45-09:00

Lamp lighting

Ganesh Vandana

09:00-09:45

**Opening Remarks**

**Ramesh V Sonti**, ICGEB Director, New Delhi, India

**Lawrence Banks**, ICGEB Director-General

**Lara E. Donaldson**, ICGEB Cape Town, South Africa

**Sergio Ledda**, Embassy of Italy, New Delhi, India

**Kalaivani Ganesan**, Scientist 'F', Department of Biotechnology

09:45-10:15 A paradigm shifts in genetic engineering: RNA therapeutics

**Sanjay Singh**, Gennova Biopharmaceuticals Ltd., India

10:15-10:30 **Group Photo**

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

### Session I

11:00-13:00 High content screening: From large libraries to functional hits

**Luca Braga**, ICGEB Trieste, Italy

My research and experience with NMR in Structural Biology, Drug Discovery, and Metabolomics

**Tapas K. Mal**, Penn State University, United States

Production of transgenic and sterile male mosquitoes for dengue control

**Menaka D. Hapugoda**, University of Kelaniya, Sri Lanka

CryoEM Structures of RNR Complexes

**Shekhar Mande**, Savitribai Phule Pune University, India

The journey of discovering how Treg cells control tissue destruction under helminth infection

**Nada AbdelAziz**, University of Cairo Egypt

13:00-14:00 **Lunch**

14:00-16:00 **Poster Session**

15:30-16:00 **Tea break**

## Session II

<b>16:00-18:00</b>	<p>Codon-optimized Live Attenuated Viral Vaccine</p> <p>Major zoonotic diseases of public health importance in Bangladesh</p> <p>Home Country's Experience after Training on Top Science, Challenges or Opportunities? Case of Burundi</p> <p>Drugs for bad bugs: Progress amongst challenges</p> <p>Roles and regulation of cullin-RING ubiquitin E3 ligase during Plasmodium development</p>	<p><b>Priyabrata Pattanaik</b>, India Immunologics, Hyderabad</p> <p><b>Mohammad Enayet Hossain</b>, International Centre for Diarrheal Disease Research, Bangladesh</p> <p><b>Samson Musonerimana</b>, University of Burundi, Africa</p> <p><b>Siddharth Chopra</b>, CDRI, India</p> <p><b>Puran Singh Sijwali</b>, CCMB, India</p>
<b>18:00-19:00</b>	<b>ICGEB Alumni connect</b>	<p><b>Dasaradhi Palakadoti</b>, Institute for Stem Cell Science and Regenerative Medicine (inStem) – NCBS, India</p> <p><b>Anand Ranganathan</b>, Jawaharlal Nehru University, India</p> <p><b>Ivica Dimkić</b>, University of Belgrade, Serbia</p> <p><b>Amit Dutt</b>, ACTREC, Tata Memorial Centre, India</p>
<b>19:00</b>	<b>Meet and Greet/Dinner</b>	

## Tuesday 28<sup>th</sup> November

### Session III

<b>09:00-11:00</b>	<p>Salinity Tolerance: Lessons from wild rice and the way forward for cultivated rice</p> <p>Understanding allelic variation in plants - journey in the last two decades</p> <p>Exploring the role of Phytosulfokine Receptor Kinase in ABA dependent abiotic stress response in plants</p> <p>A novel VIGS vector based on California TRV induces gene silencing at elevated temperatures</p> <p>Calcium and ROS signaling mediated interorganelle communication in plants: Role of protein kinases and voltage dependent anion channel</p>	<p><b>Gayatri Venkatraman</b>, M. S. Swaminathan Research Foundation, India</p> <p><b>Wricha Tyagi</b>, International Crops Research Institute for the Semi-Arid Tropics, India</p> <p><b>Ananda Mustafiz</b>, South Asian University, India</p> <p><b>Jamilur-Rahman</b>, Sher-e-Bangla Agricultural University, Bangladesh</p> <p><b>Girdhar K Pandey</b>, Delhi University, India</p>
<b>11:00-11:30</b>	<b>Tea Break</b>	

## Session IV

<b>11:30-13:00</b>	Improved Understanding of HIV-1 Envelope Diversity Using Next Generation Sequencing: Implications on Compartmentalization and Founder Multiplicity	<b>Samuel Kariuki</b> , University of Eldoret, Kenya
	What genetic factors in humans contribute to the severity of malaria parasite?	<b>Suchi Goyal</b> , IISER-Tirupati, India
	Discovery of therapeutic biologics against GPCRs (G-Protein Coupled Receptors)	<b>Martin Marro</b> , Tectonic Therapeutic, Inc, USA
	Developing and producing vaccines in Colombia: Challenges and Opportunities	<b>Zulma Rocio Suarez</b> , Vecol S.A, Colombia
<b>13:00-14:00</b>	<b>Lunch</b>	
<b>14:00-16:00</b>	<b>Alternate Careers</b>	<b>Shirshendu Mukherjee</b> , Biotechnology Industry Research Assistance Council (BIRAC), India <b>Vineeta Raghavan</b> , Institute for Stem Cell Science and Regenerative Medicine (DBT-inStem), India <b>Sarita Ahlawat</b> , BotLab Dynamics, India <b>Rahila Sardar</b> , Vgenomics - Your DNA Decoder, India <b>Pankaj Joshi</b> , Merck Life science, India <b>Pankaj Gupta</b> , Tata Institute for Genetics and Society, India
<b>16:00-16:30</b>	<b>Tea break</b>	
<b>16:30-18:00</b>	<b>Student/Alum Interactions (Informal)</b>	<b>Vineeta Raghavan</b> , Institute for Stem Cell Science and Regenerative Medicine (DBT-inStem), India
<b>18:00-18:45</b>	<b>Alumni Reminiscences and Feedback (Interventions from Alumni)</b>	
<b>18:45-19:00</b>	<b>Wrap up</b>	<b>Suzanne Kerbavcic</b> , Head, Communications, Public Information & Outreach
<b>19:00</b>	<b>Farewell Dinner</b>	