



Department of Biochemistry
INDIAN INSTITUTE OF SCIENCE
Bangalore 560012 INDIA



Virtual Centenary Conference (20-21 February, 2021)

Programme

February 20, 2021 (Saturday)

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| 4.45 to 5.00 pm | Welcome Address (Chair, Dept. of Biochemistry) Release of Coffee Table Book |
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| Session I: | Chair: M.R.S. Rao, JNCASR, Bangalore |
| 5.00 to 6.00 pm | Inaugural Lecture G. Padmanaban, IISc, Bangalore <i>The Heme Story</i> |
| 6.00 to 6.30 pm | K. Ullas, TIFR, Mumbai <i>Orchestrating metabolic inputs to cellular and organismal physiology</i> |
| 6.30 to 7.00 pm | S. Vijaya, IISc, Bangalore <i>"From Bangalore to Bellary -a tale of an outstanding student "</i> |
| 7.00 to 8.00 pm | Chair: D N Rao, IISc, Bangalore Centenary lecture Venki Ramakrishnan, MRC, Cambridge, U K <i>Studies on eukaryotic initiation of translation</i> |
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| Session II: | Chair: K. Muniyappa, IISc, Bangalore |
| 8.00 to 8.30 pm | K. Subramaniam, IIT, Madras <i>PLP-1 and gene silencing in the C.elegans germline</i> |
| 8.30 to 9.00 pm | Sendurai A Mani, M D. Anderson Cancer Center, Houston, USA <i>Contribution of cellular plasticity and immune cells to cancer metastasis</i> |
| 9.00 to 9.30 pm | N. Dhanasekaran, Stephenson Cancer Center, OUHSC, Oklahoma, USA <i>Bidirectional Metabolic Signaling Loop in Tumor Microenvironment</i> |
| 9.30 to 10.00 pm | Suraj Prakash Bhat, UCLA, USA <i>Spatial determinism in the lens transcriptome: Introduction to the Single cell analyses in the Ocular lens</i> |
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February 21, 2021 (Sunday)

Session III:

Chair: H S Savithri, IISc, Bangalore

5.00 to 5.30 pm

Sandhya Visweswaraiah, IISc, Bangalore

Gut instincts and gut reactions: roles for cGMP

5.30 to 6 .00 pm

R P Roy, Regional Center for Biotechnology, Faridabad

The art of breaking and making bonds

6.00 to 6.30 pm

Madan Babu, St Jude Children's Research Hospital, Memphis, USA

Data science approaches to understanding GPCR signaling and implications for drug development.

6.30 to 7.00 pm

Jomon Joseph, NCCS, Pune

Annulate Lamellae: A peep into the functions of a relatively unknown cell organelle

7.00 to 8.00 pm

Chair: Nagasuma Chandra, IISc, Bangalore

Centenary Lecture

Tom Blundell, Cambridge University, U K

Celebrating the Century of Biochemistry in Bangalore: A personal history of India- UK collaboration

Session IV:

Chair: G. Subba Rao, IISc AANA, USA

8.00 to 8.30 pm

Srikumar Chellappan, Moffitt Cancer Center, Tampa, USA

Targetting the untargetable: Novel strategies to combat cancer

8.30 to 9.00 pm

Manzoor Bhat, Texas Science Health Center, San Antonio, USA

Molecular Principles of Saltatory Action Potential Propagation in Myelinated Axons: From Basic Science to Translational Benefits

9.00 to 9.30 pm

Murali Krishna, Emory University, Atlanta, USA

Human Immunity to dengue in India

9.30 to 10.00 pm

Ganesh Kishore, Spruce Capital Partners, USA

RNA Biologicals and DNA Edited Products

Join Zoom Meeting (February 20-21, 2021)

<https://zoom.us/j/98124498428>

live streaming URL:

February 20, 2021

February 21, 2021

<https://youtu.be/IOtuaut51sY>

<https://youtu.be/d1nB1efkRek>