

International Conference cum Workshop on Translational Sciences in Drug Discovery and Development

(Online)

August 25-27, 2021

Scientific program Schedule

Conference link: meet.google.com/atr-hevq-mnh

Speakers	Time (IST)	Title/Topic
Day 1 (25th August, Wednesday)		
Inaugural Session	11.00 to 11.45 AM	
Prof. Jonathan M. Gershoni, Tel Aviv University, Israel Session Chair: Prof. Basant Kumar Tiwary	12.00-1.00 PM	Epitope Based Vaccines: Reconstitution of the Coronavirus Receptor Binding Motif
Break	1.00 to 2.00 PM	Break
Faculty/Scholar Centre for Bioinformatics, Pondicherry University, India	2.00 to 5.00 PM	Workshop (Homology Modeling/Docking)
Prof. Dr. Renu Batra-Safferling, Jülich Research Centre, Germany Session Chair: Dr. M. Suresh Kumar	5.00 to 6.00 PM	Arrestins and Regulation of G Protein-Coupled Receptors

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Day 2 (26th August, Thursday)		
Speakers	Time (IST)	Title/Topic
Mr. Vinod Devaraji, Senior Scientist, Schrodinger, India Session Chair: Dr. B. Syed Ibrahim	9.30 to 11.00 AM	Demo and presentation on Hit or Lead Optimization of small molecules using pharmacophore and 3D QSAR.
Dr. Richard Kumaran Kandasamy, Associate Professor, Norwegian University of Science and Technology, Norway Session Chair: Dr. R. Krishna	11.00 AM to 12.00 PM	OMICS and Network Approaches to Study Immune Response to Infections
Dr. Hsing-Pang Hsieh, Research fellow/Deputy Director, Biomedical Translation Research Center (BioTReC), Academia Sinica, Taiwan Session Chair: Dr. S. Mohane Coumar	12.00 to 1.00 PM	From Bench to Clinic: Blue Ocean Strategy for Startups
Break	1.00 to 2.00 PM	Break
Dr. Dhivya S Sr.Application Scientist Life sciences Altem technologies, India Session Chair: Dr. Archana Pan	2.00 to 3.30 PM	Antibody-Antigen modelling in immuno drug discovery
Faculty/Scholar Centre for Bioinformatics, Pondicherry University, India	3.30 to 5.00 PM	Workshop (Docking)

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Day 3 (27th August, Friday)		
Speakers	Time (IST)	Title/Topic
Dr. Siddappa N. Byrareddy , Associate Professor, University of Nebraska Medical Center, USA Session Chair: Dr. Ayaluru Murali	9.00 to 10.00 AM	SARS-COV-2 Pathogenesis and Development of Targeted Therapeutics for COVID-19
Prof. Suresh Mathivanan , La Trobe University, Australia Session Chair: Prof. P. T. V. Lakshmi	10.00 to 11.00 AM	Next Small Big Thing: Extracellular Vesicles for Drug Delivery and Cancer Therapy
Dr. Selvakumar Edwardraja University of Queensland, Australia Session Chair: Dr. R. Amutha	11.00 to 12.00 PM	Design and Engineering of Synthetic Protein Biosensors for Point of Care Diagnostics
Faculty/Scholar Centre for Bioinformatics, Pondicherry University, India	12.00 to 1.00 PM	Workshop (Molecular Dynamics simulation)
Break	1.00 to 2.00 PM	Break
Prof. Kyeong Kyu Kim Sungkyunkwan University School of Medicine, South Korea Session Chair: Dr. V. Amouda	2.00 to 3.00 PM	Alternative Approaches to Combat Multi-drug Resistance Bacteria
Faculty/Scholar Centre for Bioinformatics, Pondicherry University, India	3.00 to 4.00 PM	Workshop (Molecular Dynamics simulation)
Valedictory session	4.00 to 5.00 PM	