



SHRI
DHARMASTHALA
MANJUNATHESHWARA
UNIVERSITY



International Conference on
**PROGRESS IN MITOCHONDRIAL
RESEARCH AND THERAPY**

10th Annual conference of The Society for Mitochondria Research and Medicine, India



SOCIETY FOR MITOCHONDRIAL
RESEARCH AND MEDICINE

Program Schedule

Day 1: November 11, 2024

Venue: Ishaavaasyam, SDM University Campus

08:30-09:00 AM	Registration	
09:00-09:30 AM	Inauguration	
Chairperson: Dr. Pramod Gai, KIDNAR, Dharwad		
09.30-10:00 AM	Mitochondria in Biology, Medicine and Beyond	Dr. K. Thangaraj CCMB, Hyderabad
10.00-10:30 AM	Tea Break	
Session 1: Mitochondrial Disorders: Clinical, Genomics, and Proteomics Perspectives Chair: Dr. Parimal Misra, Dr. Reddy's Research Laboratory, Hyderabad Co-Chair: Dr. Athanikar Vidisha, SDM University, Dharwad		
10:30-11:00 AM	Mitochondrial Genomics in the Whole Genome Era- <i>Patients to Populations and Back</i>	Dr. Vinod Scaria Vishwanath Cancer Care Foundation
11:00-11:30 AM	Fuelling life: Synergy in mitochondrial proteins and lipids	Dr. Swasti Raychaudhuri CCMB, Hyderabad
11:30-12:00 PM	Challenges and Spectrum of Neuromuscular Manifestations of Mitochondrial Disorders	Dr. Madhu N. NIMHANS, Bengaluru
12:00-12:30 PM	Clinico-radiological Approach to Primary Mitochondrial Disorders	Dr. Soumya Sundaram SCTIMST, Trivandrum, India
12:30-01:00 PM	Unravelling the Indian Mitochondrial Genome	Dr. Ishaan Gupta IIT Delhi, India
01:00-02:00 PM	Poster Session and Lunch Break/EC meeting	
Session 2: Mitochondria: Signaling, Dynamics and Cancer Chair: Dr. A. B. Vedamurthy, KUD, Dharwad Co-Chair: Dr. Lokendra Kumar Sharma, SGPGIMS, Lucknow, India		
02:00-02:30 PM	Mitochondrial Redox Homeostasis Dictates the Autophagy Machinery in <i>Saccharomyces cerevisiae</i>	Dr. Naresh Babu V. Sepuri University of Hyderabad, Hyderabad

02:30-03:00 PM	Unravelling the Role of Mitochondrial Genome Encoded miRNAs in Regulating Metabolic Plasticity and Ferroptosis in Breast Cancer	Dr. Sanjiban Chakrabarty <i>Manipal School of Life Sciences, MAHE</i>
03:00-03:30 PM	Visualising and Probing Mitochondrial State and Dynamics	Dr. Akash Gulyani <i>University of Hyderabad, Hyderabad</i>
03:30-04:00 PM	Dynamic Reprogramming of Mitochondrial Metabolism and Epigenetics at the Crossroads of Developing Therapy-resistant Cancers	Dr. Sanjay Gupta <i>ACTREC, Mumbai</i>
04:00-04:30 PM	Tea Break	
Session 3: Mitochondrial Disease and Therapeutics Chair: Dr. Naresh Babu V. Sepuri, University of Hyderabad, Hyderabad Co-Chair: Dr. Ajay Kumar Oli, SDM University, Dharwad		
04:30-05:00 PM	Mitochondria as epigenetic regulators of Aging	Dr. Keshav K. Singh <i>The University of Alabama, Birmingham</i>
05:00-05:30 PM	Mitochondria in Cancer Regulation: Mechanisms and Therapeutic Targets	Dr. Lokendra Kumar Sharma <i>SGPGIMS, Lucknow, India</i>
05:30-06:00 PM	RNA-binding Proteins in Controlling Mitochondrial Metabolism	Dr. Arvind Ramanathan <i>inStem, Bengaluru</i>
06:00-06:30 PM	Poster Session/GB meeting	
06:30-07:30 PM	Cultural Program	
08:00 PM Onwards	Dinner	

Day 2: November 12, 2024

Venue: Ishaavaasyam, SDM University Campus

SMRM-YSA Presentation Chair: Dr. K. Thangaraj, CCMB, Hyderabad Co-Chair: Dr. P. Govindaraj, NIMHANS, Bengaluru		
09:00-10:30 AM	SMRM-YSA Presentation	
10:30-11:00 AM	Tea Break/Poster Presentation	
Session 4: Mitochondrial Metabolism and Bioenergetics Chair: Dr. Madhumita Roy Chowdhury, AIIMS, New Delhi Co-Chair: Dr. Soumya Sundaram, SCTIMST, Trivandrum, India		
11:00-11:30 PM	Challenge the Paradigm on ROS at high Mt-membrane Potential: H ₂ O ₂ Production is Independent of $\Delta\Psi$ and Q-redox State Under Tissue Normoxia	Dr. Erich Gnaiger <i>Oroboros Instruments, Innsbruck, Austria</i>
11:30-12:00 PM	Role of Nuclear Genes in the Pathogenesis of Mitochondrial Diseases	Dr. P. Govindaraj <i>NIMHANS, Bengaluru</i>

12:00-12:30 PM	Population Dynamics and Migration Events of Lakshadweep Archipelago using Whole Mitogenome Analysis	Dr. MS Mustak <i>Mangaluru University, Mangaluru</i>
12:30-01:00 PM	Mitochondrial Transplant for Endometrial Regeneration	Dr. Meghnad Joshi <i>D. Y. Patil Education Society, Kolhapur</i>
01:00-02:30 PM	Lunch and Poster session/GB Meeting	
Session 5: Mitochondrial Disease and Therapeutics Chair: Dr. Vishwas Kaveeshwar, SDM University, Dharwad Co-Chair: Dr. Sanjiban Chakrabarty, Manipal School of Life Sciences, MAHE		
02:30-02:50 PM	Key to Mitochondrial Dysfunction in Aging	Dr. Amrita Nepalia <i>IISC, Bangalore, India</i>
02:50-03:20 PM	Mitochondrial Trafficking in Tauopathy Neurons	Dr. Prasad Tammineni <i>University of Hyderabad, INDIA</i>
03:20-03:40 PM	PHLPP1 Regulates PINK1-Parkin Signalling and Life Span	Dr. Kishore Parsa <i>Dr. Reddy's, Hyderabad, India</i>
03:40-04:00 PM	Brain Mitochondrial Fatty Acid β -oxidation: Impact of Ischemia and Aging	Dr. Luiza Cardoso <i>Oroboros Instruments, Innsbruck, Austria</i>
04:00-04:30 PM	Valedictory Program	
04:30-05:00 PM	Tea Break	

**Last-minute changes may apply to the final schedule of the conference.*