

32ND NATIONAL CONGRESS OF PARASITOLOGY TALKS AND TIMINGS

Day 1 : 3rd Oct, 2024

Venue	Session	Timings	Speaker	Affiliation	Talk title	
C.V. Raman Auditorium	Session I	Plenary Talk 1	9:30 - 10:10	Prof. G Padmanaban	Indian Institute of Science, Bangalore	"Two Molecules took a Life Time to reach clinical trial"
		Distinguished Talk 1	10:15 - 10:40	Dr. Amit Sharma	ICGEB, New Delhi	"Towards inhibitor discovery against malaria parasite"
		Distinguished Talk 2	10:40 - 11:05	Dr. Lénaïg Halos	Bill and Melinda Gates Foundation	TBA
C.V. Raman Auditorium	Basic/Translational Malarial Biology		11:30 - 11:50	Prof. Swati Patankar	IIT Bombay	"Targeting nuclear import in apicomplexan parasites using small molecules and peptides"
			11:50 - 12:10	Prof. Pushkar Sharma	NII, New Delhi	"Novel insights into the role cell signalling in asexual division and sexual differentiation of <i>Plasmodium falciparum</i> "
			12:10 - 12:30	Dr. Satish Mishra	CDRI, Lucknow	" <i>Plasmodium</i> actin-like proteins are essential for DNA segregation during male gametogenesis and malaria transmission"
			12:30 - 12:50	Dr. Arumugam Rajavelu	IIT Madras	"Epitranscriptome players: A key regulators of translational plasticity in malaria parasite"
		Lightning Talk	12:50 - 13:00	Mamatharani DV	IISER Pune	"Investigating the role of PfHP1 (<i>Plasmodium falciparum</i> heterochromatin protein-1) mediated heterochromatin formation and spreading in var gene regulation"
Lecture Hall Complex 101	Understanding Parasite Biology (<i>Leishmania/Toxoplasma</i> and other major parasites)		11:30 - 11:50	Dr. Shailza Singh	NCCS, Pune	"A Novel Immunomodulator for Parasitic Disease: New Frontiers in Biomanufacturing"
			11:50 - 12:10	Dr. Paresch Sharma	NIAB, Hyderabad	" <i>Theileria annulata</i> Alters Host Signaling: ERK1/2's Role Unveiled via Phospho-Transcriptomics"
			12:10 - 12:30	Dr. Tanmay Majumdar	NII, New Delhi	"Host-directed therapeutic strategy: Antagonizing -catenin signalling limits parasites growth"
			12:30 - 12:50	Dr. Budhaditya Mukherjee	IIT Kharagpur	"Adding fuel to fire: Implications of oxidative stress in the emergence of antimony resistance among clinical isolates of <i>Leishmania</i> "
		Lightning Talk	12:50 - 13:00	Ajinkya Khilari	NCL, Pune	"Drug Resistance Profiling from Clinical Isolates of <i>Plasmodium falciparum</i> using Oxford Nanopore Sequencing"
C.V. Raman Auditorium	Basic/Translational Malarial Biology		16:00 - 16:20	Prof. Suman Dhar	JNU, New Delhi	" <i>Plasmodium falciparum</i> phosphoglycerate mutase (PfPGM1): Regulation and Function"
			16:20 - 16:40	Dr. Asif Mohammed	ICGEB, New Delhi	"Organelle dynamics and lipid biogenesis in human malaria parasite: discovering novel drug targets and new antimalarial candidates"
			16:40 - 17:00	Prof. Kota Arun Kumar	University of Hyderabad	" <i>Plasmodium berghei</i> Rhoptry Neck Protein 6 maintains parasite infectivity and virulence"
			17:00 - 17:20	Dr. Shruthi Vembar	IBAB, Bangalore	"Machine learning-based discovery of novel small open-reading frames and miniproteins in malaria parasites"
		Lightning Talk	17:20 - 17:30	Amit Kumar Subudhi	KAUST, Saudi Arabia	"Host cell remodeling by the malaria parasite is coordinated by the AP2-HCR DNA binding protein"
Lecture Hall Complex 101	Understanding Parasite Biology		16:00 - 16:20	Prof. A. M. Khan	NJIL&OMD, Agra	"Elimination of lymphatic Filariasis in India"
			16:20 - 16:40	Prof. Nishith Gupta	BITS Pilani, Hyderabad	"Phospholipids-mediated regulation of calcium homeostasis and lytic cycle in <i>Toxoplasma</i> "
			16:40 - 17:00	Dr. Abhijit S. Deshmukh	NIAB, Hyderabad	"Cell division cycle 5 (Cdc5) splicing factor is essential for maintaining transcriptome integrity and survival of <i>Toxoplasma gondii</i> "
			17:00 - 17:20	Dr. Mrigank Srivastava	CSIR-CDRI, Lucknow	"Decoding the complex pathogenesis of Filarial manifestation of Tropical Pulmonary Eosinophilia: A tale not yet completely understood"
		Lightning Talk	17:20 - 17:30	Debabrata Dandasena	NIAB, Hyderabad	"Global Phosphoproteomics Reveals ERK1/2-Regulated Transcription Factor Networks in <i>Theileria annulata</i> -Infected Leukocytes"
C.V. Raman Auditorium	Novel approaches in parasitology research	17:45 - 18:25		Dr. Meetal Singh	Indian Institute of Science Bangalore	"Small RNA-mediated epigenetic regulation of host-pathogen interaction."
				Dr. Rajesh Chandramohanadas	RGCB, Thiruvananthapuram	"Red Cell Phenotyping in <i>Plasmodium</i> Infection"
				Dr. Bhaswar Ghosh	IIIT Hyderabad	"Hierarchical switching pattern in antigenic variation provides survival advantage for malaria parasites under variable host immunity"
				Dr. Abhisheka Bansal	JNU New Delhi	" <i>Plasmodium falciparum</i> Raf kinase inhibitor is a lipid binding protein that interacts with CDPK1 and regulates its activity in asexual blood stage"