

Integrative Biology and Translational Research: From Molecular Mechanisms to Therapeutic Strategies

Registration closes on: 20th August 2025



23rd August, 2025 (Saturday)
10:00AM to 05:00 PM



Homi Bhabha Hall
NISER Bhubaneswar

SCHEDULE



Arrival, and Registration : 09:15 AM to 10:00 AM



Prof. Palok Aich
NISER Bhubaneswar

🕒 10:00 AM – 10:30 AM

The Symphony Within: Integrating Metabolome and Microbiome for Precision Health



Dr. Namisha Sharma
ILS Bhubaneswar

🕒 10:30 AM – 11:00 AM

Non Coding RNAs: Armor Against Virus Infection



Mr. Hiren G. Dodia
Dr. Tushar's lab, ILS BBSR

🕒 11:00 AM – 11:15 AM

Targeting the Biofilm Armour: Repurposing 10058-F4 to Combat Resistant *Staphylococcus aureus*



Mr. Binayak Mohapatra
Dr. Pankaj's lab, NISER BBSR

🕒 11:15 AM – 11:30 AM

The Importance of the eIF2 Zinc-binding Domain in the Translation Initiation Fidelity



Tea Break : 11:30 AM to 11:50 AM



Dr. Cuckoo Mahapatra
MSCBD University, Baripada

🕒 11:50 AM – 12:20 PM

Unlocking the Secrets of Regeneration: Insights from Non-Model Amphibian and Reptile Research



Dr. Monalisa Mishra
NIT Rourkela

🕒 12:20 PM – 12:50 PM

Drosophila as a Model to Find Therapeutics for Various Metabolic Disorder



Mr. Sajjan Sahoo
Prof. Luna's Lab, Ravenshaw University

🕒 12:50 PM – 01:05 PM

Immunoinformatics-driven Multi-epitope Vaccine Design Targeting Lysine-specific Gingipain (Kgp) of *Porphyromonas gingivalis* W83: A Promising Strategy Towards Oral Squamous Cell Carcinoma



Ms. Mishal Bharadwaj
Dr. Himabindu's Lab, NISER BBSR

🕒 01:05 PM – 01:20 PM

Dissecting the Regulatory and Metabolic Connection Between Folate and Flavonoid Metabolism in Tomato Fruits



Lunch Break : 01:20 PM to 02:20 PM



Group Discussion

🕒 02:20 PM – 03:30 PM



Selected Flash Talk

🕒 03:30 PM – 04:00 PM



Poster Presentation

🕒 04:00 PM – 05:00 PM



Program Ends: 05:00 PM



TO KNOW MORE :



www.niser.ac.in

CONTACT



quad@niser.ac.in



Seat limit for NISER students: 50

"FIRST COME, FIRST SERVED"

Register soon to secure your spot!