

Outreach Activities: Advances in Biology Research, Education, and Teaching

BAW 2022



14th -20th June 2022 at Sinclairs Ooty,
Tamil Nadu, India (Outreach Activity)



International Outreach Activities: Advances in Biology Research, Education, and Teaching

June 14th, 2022 to June 20th, 2022

PROGRAMME

Jointly Organized
by



Indian Institute of Science Education and Research-Kolkata
Mohanpur - 741 246, West Bengal, India

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Wednesday, June 14th, 2022

Until 15:00 hrs.	Arrival at Sinclairs Ooty
15:00-17:00 hrs.	Snacks and Meet and Greet
17:00-19:00 hrs.	Registration for the Conference
19:30-21:00 hrs.	Dinner & Networking

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Wednesday, June 15th, 2022	
07:30-08:45 hrs.	Breakfast
09:00-09:30 hrs.	Inauguration
09:30-10:10 hrs.	Chaperonins made to order <i>Kaushik Chakraborty, Ph.D.</i>
10:15-10:55 hrs.	TBA <i>Ellora Sen, Ph.D.</i>
11:00-11:30 hrs.	Tea Break
11:30-12:10 hrs.	Role of alternate RNA conformations in human health and disease <i>Ambadas B. Rode, Ph.D.</i>
12:15-12:55 hrs.	Atomic Force Microscopy (AFM) for probing Biological Processes <i>Shamik Sen, Ph.D.</i>
13:00-14:30 hrs.	Lunch
14:30-15:15 hrs.	Engineering 3D Pathotypic Models for Breast Cancer <i>Kaushik Chatterjee, Ph.D.</i>
15:15 -16:30 hrs.	Poster Session & Tea Break
16:30-18:00 hrs.	Poster Session
18:00-18:40	From leukaemia epigenetics to targeted therapy <i>Amitava Sengupta, Ph.D.</i>
19:30-21:00 hrs.	Dinner

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Thursday, June 16th, 2022	
07:30-08:45 hrs.	Breakfast
09:00-09:30 hrs.	Dr. Randall J Cohrs Memorial
09:30-10:10 hrs.	Host microRNA in anti-viral response: From innate immunity of CNS to neuronal death <i>Anirban Basu, Ph.D.</i>
10:15-10:55 hrs.	TBA <i>Sunit Singh, Ph.D.</i>
11:00-11:30 hrs.	Tea Break
11:30-12:10 hrs.	TBA <i>Arup Banerjee, Ph.D.</i>
12:15-12:55 hrs.	TBA <i>Rajat Sandhir, Ph.D.</i>
13:00-14:30 hrs.	Lunch
14:30-14:50 hrs	Student Talk 1 (TBA)
14:50-15:10 hrs.	Student Talk 2 (TBA)
15:10-15:40 hrs.	Tea Break
15:40-16:20 hrs.	TBA <i>Urmi Chatterji, Ph.D.</i>
16:20-16:50 hrs.	Revelation of the SELF: A journey into the infinite <i>Ellora Sen, Ph.D.</i>
16:50-17:30	Celebrating the life of Dr. Randall J Cohrs with the Traditional Indian Festival of Colours
19:30-21:00 hrs.	Dinner

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Friday, June 17th, 2022 (Ayurveda Day)	
08:00-09:15 hrs.	Breakfast
09:30-10:10 hrs.	A holistic glimpse of Ayurveda-the route of all medicine <i>Shovan Sengupta, C.A.</i>
10:15-10:55 hrs.	Potent antiviral effect of Neem bark extract on SARS-CoV-2 and Mouse Hepatitis Virus Strains <i>Jayasri Das Sarma, Ph.D.</i>
11:00-11:30 hrs.	Tea Break
11:30-12:10 hrs.	The putative role of Spike protein fusion peptides in virus fusogenicity <i>Debnath Pal, Ph.D.</i>
12:15-12:55 hrs.	Dietary αKG inhibits SARS CoV-2 replication and rescues lung pathogenesis to restore O₂ saturation by inhibiting pAkt <i>Prasenjit Guchhait, Ph.D.</i>
13:00-14:30 hrs.	Lunch
14:30-14:50 hrs	Student Talk 3 (TBA)
14:50-15:10 hrs.	Student Talk 4 (TBA)
15:10-15:40 hrs.	Tea Break
15:40-16:25 hrs.	Plenary Talk Our lab journey towards unmasking the neurotherapeutic potential of a key plasticity marker, PSA-NCAM <i>Gurcharan Kaur, Ph.D.</i>
16:25-17:05 hrs.	TBA <i>Rupasri Ain, Ph.D.</i>
17:05-17:30 hrs.	A Journey of Revelation and introspection to discover oneself <i>Shovan Sengupta, C.A.</i>
19:30-21:00 hrs.	Dinner

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Saturday, June 18th, 2022	
08:00-09:15 hrs.	Breakfast
09:30-10:10 hrs.	TBA <i>Subhas C Biswas, Ph.D.</i>
10:15-10:55 hrs.	TBA <i>Snehasikta Swarnkar, Ph.D.</i>
11:00-11:30 hrs.	Tea Break
11:30-12:10 hrs.	Social Hormones and Olfactory Behavior: Recent advances and its clinical implication <i>Sunil Dhungel, Ph.D.</i>
12:15-12:35 hrs.	Student Talk 5 (TBA)
12:35-12:55 hrs.	Student Talk 6 (TBA)
13:00-14:30 hrs.	Lunch
14:30-15:10 hrs	Panel Discussion
15:10-15:40 hrs.	Tea Break
15:40-16:30 hrs.	Company Talk 1 (TBA)
16:30-18:00	Validatory Session & Closing Ceremony
18:00-19:00 hrs.	Cultural Event / Local Walking tour Near Sinclairs
19:30-21:00 hrs.	Dinner

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<i>Sunday, June 19th, 2022</i>	
08:00-09:15 hrs.	Breakfast
09:30-17:00	Travel Spree

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Monday, June 20th, 2022

10:30-11:00 hrs.

Departure from the hotel for Coimbatore (Airport/Train Station)