

Technical programme SnakeSymp2024

Venue: A. P. J. Abdul Kalam auditorium

Day 1: 09th February 2024

Registration 8:30 am to 9:00 am		
Inaugural session (9:00 am to 10:00 am)		
9:30 am-9:35 am	Welcome address by organising secretary SnakeSymp 2024	
9:35 am-9:40 am	Lightning of inaugural lamp by dignitaries	
9:40 am-9:50 am	Address by Prof. A. K. Mukherjee, Chief Patron & Director, IASST, Guwahati	
9:50 am-9:55 am	Release of abstract book by dignitaries	
9:55 am-10:00 am	Vote of thanks by Joint Secretary SnakeSymp 2024	
Technical Session I (10:00 am to 11:30 am)		
Biochemistry/bioinformatics/biophysics/molecular biology/OMICS analysis of toxins from snake/scorpion/spider/microbes/plants and other organisms		
Session Chair: To be Announced		Co-chair: To be Announced
Keynote Lecture	10:00 am 10:30 am	Natriuretic Peptides for Tailored Treatment of Acute Decompensated Heart Failure Patients Prof. R. Manjunatha Kini , National University of Singapore, Singapore
IL-1	10:30 am-10:50 am	Elucidation of toxin diversity and functions through de novo assembly of snake venom gland transcriptomes Prof. C.H. Tan , Universiti Malaya, Malaysia
IL-2	10:50 am-11:10 am	Destabilization of Beta-Amyloid Aggregates by Factor V Activator from <i>Daboia Russelli Russelli</i> (Russell's Viper) Venom Dr. Debasish Bhattacharyya , Former Scientist, IICB, Kolkata
IL-3	11:10 am-11:30 am	Anti –Snake Venom(ASV) Manufacturing in India-Past, Present & Future M. V. Khadilkar , Premium Serums and Vaccines Private Ltd.
High Tea Break (11:30 am to 11:50 am)		
Technical Session II (11:50 am to 01:30 am)		
Social awareness on prevention and management of venomous bites		
Session Chair: To be Announced		Co-chair: To be Announced
IL-4	11:50 am-12:10 am	Snake Venom Antidotes from Marine Resources Dr. D. Velmurugan , SRMIST, Chennai
IL-5	12:10 am-12:30 pm	National Task Force Study on 'The Incidence, Mortality, Morbidity and Economic Burden of Snakebite in India Dr. Jaideep Menon , Amrita Hospital, Kochi
IL-6	12:30 pm-12:50 pm	A novel model in snake bite management from a rural community health center of Assam, North East India: Impact on morbidity and mortality Dr. Surajit Giri , Demow Model Hospital cum Community Health Centre, Sivasagar

IL-7	12:50 pm-01:10 pm	Evolutionary Ecology of Indian Snake Venoms and Next-generation Solutions for Snakebite Dr. Kartik Sunagar , Indian Institute of Science, Bangalore
IL-8	01:10 pm-01:30 pm	Venomics and Antivenomics of North East Indian Medically Important Snakes Prof. Robin Doley , Tezpur University, Tezpur
Lunch Break (01:30 pm to 02:30 pm)		
Poster cum Interaction session (02:30 pm to 04:30 pm)		
Panel discussion II (04:30 pm to 05:30 pm) Future Road Map for the Research on Venom Toxin and Management of Venomous Bite: Role of Indian Toxicologist and Clinician		
Gala Dinner 7:00 pm Onwards		

Day 2: 10th February 2024

Technical Session III (9:30 am to 11:00 am) Pathophysiology of venomous bites and the treatment Session Chair: To be Announced Co-chair: To be Announced		
Keynote Lecture	9:30 am 10:00 am	Snake Venom: Toxin-based Drugs and Drugs for Toxins Dr. P. A. Fernandes , University of Porto, Portugal
IL-9	10:00 am-10:20 am	Small Molecules as First Aid Therapeutics, Complementing Anti-Snake Venom Therapy Against 'Big Four' Snake Venom Induced Lethality Prof. B.S. Vishwanath , University of Mysore, Mysuru
IL-10	10:20 am-10:40 am	Prospects and Existing State of Repurposing Small Molecule Inhibitors for Treating Snake Envenomation Prof. Ashis K Mukherjee , IASST, Guwahati
IL-11	10:40 am-11:00 am	Saw-Scaled Viper (<i>Echis Carinatus</i>) Venom-Induced Sustained Tissue Destruction, Pathophysiology and Strategic Remedy Prof. K. Kemparaju , University of Mysore, Mysuru
High Tea Break (11:00 am to 11:20 am)		
Technical Session IV (11:20 am to 01:00 am) Pathophysiology of venomous bites and the treatment Session Chair: To be Announced Co-chair: To be Announced		
OP-1	11:20 am-11:35 am	Quality assessment of antivenom: Prerequisite for efficient management of snakebite treatment Dr. Aparup Patra , IASST, Guwahati
OP-2	11:35 am-11:50 pm	Tailored Nanobodies Targeting TrkA Receptor for Breast Cancer Diagnosis Dr. Taufiqul Islam , IASST, Guwahati
OP-3	11:50 am-12:05 pm	Snake Envenomation: Snakebite Problem in India and Public Awareness Dr. Debashree Saikia , Darrang College, Tezpur

OP-4	12:05 pm-12:20 pm	Snakebite and its management in Mizoram: The present scenarios Prof. H.T. Lalremsanga , Mizoram University, Mizoram
OP-5	12:20 pm-12:35 pm	Role of snake venom procoagulant proteins in venom-induced pathophysiology in bite victims: An updated overview Dr. Rupamoni Thakur , Dergaon Kamal Dowerah College, Dergaon, Golaghat, Assam.
OP-6	12:35 pm-12:50 pm	Snake Venom Neutralization and Terrestrial Natural Products Dr. Atanu Bhattacharjee , North Eastern Hill University, Shillong
OP-7	12:50 pm-01:05 pm	Immunoglobulins-“Manufacturing and challenges” Mr. Darshan Patel , Vins Bioproducts Ltd
Lunch Break (01:00 pm to 02:00 pm)		
Young scientist session (02:00 pm to 03:00 pm)		
Session Chair:		Co-chair:
YSP-1	02:00 pm-02:15 pm	Based on result of poster session
YSP-2	02:15 pm-02:30 pm	Based on result of poster session
YSP-3	02:30 pm-02:45 pm	Based on result of poster session
Valedictory Session (03:00 pm to 04:00 pm)		