



2-Day National Symposium on Recent Advances in Snake Venom Research and Snake-bite Therapy: National and International Perspectives

18-19 December 2009

Organized by

Department of Molecular Biology and Biotechnology
Tezpur University, Tezpur, Assam, India
(Sponsored by DBT and ICMR, New Delhi)

About the Symposium

Each year, approximately 421,000 cases of envenomation and 20,000 snakebite deaths occur through out the World. Problem of snakebite has been listed as "Neglected Tropical Disease" by WHO. This problem is more acute in our rural areas as well for the soldiers posted in the border areas. Therefore, characterization of biochemical and pharmacological properties of these proteins and polypeptides is important to understand their pharmacological effects during envenomation and also for snakebite treatment. Furthermore, these proteins and polypeptides have served as valuable research tools for therapeutic applications. Traditionally many medicinal plants have been used for treatment of snakebite without proper scientific validation. Active components from these plants may be used as green medicine for snakebite treatment as an alternative to antivenom therapy.

Themes

1. Biochemistry/Bioinformatics/Biophysics/Molecular Biology of snake venom proteins/ enzymes/ toxins
2. Evolution of snake venom proteins and toxins
3. Pathophysiology and treatment of snakebite
4. Medical/biotechnological/diagnostic application of snake venom peptides
5. Green medicine for snake bite
6. Biology of Snakes and snakes in India

The Host

Since its establishment in 1994 as a teaching and residential Central University, Tezpur University has established itself as an institution known for its quality of education and research in the frontier areas of science and technology. Tezpur is well connected by air, roads and rail from Guwahati. The world-famous tourist attractions Kaziranga Wild Life Sanctuary, Orang Sanctuary, and Bhalukpong Angling Spot are just one-hour drive from Tezpur. Department of Molecular Biology and Biotechnology has been recognized by the DBT, Ministry of Science and Technology. Government of India, and granted accreditations for the Post Graduate programme. The objective of the department is to contribute to the advancement of the emerging areas of basic and applied Life Sciences and to create trained manpower in the field of Molecular Biotechnology.

Confirmed Speakers

Prof. C.R. Maity (Kolkata)
Prof. T.V. Gowda (Mysore)
Prof. R.M. Kini (Singapore)
Prof. P Gopalakrishnakone (Singapore)
Prof. S. P. Mackessy (USA)
Prof. A. Gomes (Kolkata)
Prof. J. Menon (Cochin)
Prof T.P Singh (New Delhi)
Dr. K. Kemparaju (Mysore)
Dr (Mrs) A. Gomes (Kolkata)
Dr. D. Bhattacharya (Kolkata)

(Other Scientist from India and abroad are also expected to participate)

Important Dates and Information

Last date of abstract submission: 25th Nov, 2009
Last date of registration: 25th Nov, 2009

Registration Fee*:

	Till 25 Nov	Spot
Indian delegates	Rs. 1000.00	Rs. 1500.00
Foreign delegates	USD 150.00	USD 200.00
Research students	Rs. 750.00	Rs. 1000.00
Industrial delegates	Rs. 1500.00	Rs. 2000.00
Accompanying persons (Indian)	Rs. 800.00	Rs. 1000.00
Accompanying persons (Overseas)	USD 100.00	USD 150.00

*Registration fee should be send as Demand Draft drawn in favour of Organizing Secretary, SnakSymp-09, payable at SBI, Tezpur Branch

*Registration fee includes symposium kit, breakfast, lunch and dinner during symposium.

Travel Grant

Limited travel grants are available for research scholars below the age of 35 years. Please contact the Organizing Secretary for further details.

Contact persons:

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