



**Two-Day Symposium on  
From Venom Pharmacology to Drug  
Discovery:  
National and International Perspective  
(SnakeSymp-2024)  
9-10 February 2024**

**Organized By**



**Institute of Advanced Study in Science and Technology (IASST)  
(An autonomous R&D Institute Under DST, Govt. of India)  
Vigyan Path Garchuk, Paschim, Boragaon, Guwahati,  
Assam-781035, India**



## Two-Day Symposium on From Venom Pharmacology to Drug Discovery: National and International Perspective (SnakeSymp-2024) 9-10 February 2024

### Welcome Message

Institute of Advance Study in Science and Technology (IASST) will organize a Symposium on “From Venom Pharmacology to Drug Discovery: National and International Perspective (SnakeSymp-2024) at IASST, Guwahati, India from 9-10 February 2024.

Venom research is growing exponentially, as evidenced by the increase in venom publications, biomedical applications, and biotech startup companies, leading to important socio-economic impacts on society. This symposium will focus on the key areas of venom research and evaluate challenges and opportunities for venom biomedical research and drug development.

This symposium aims to provide an ideal platform for the participants to represent their research work, interact, debate, and disseminate ideas amongst distinguished professionals, eminent scientists, technologists, and industrialists. This event will be organized in both physical and online modes.

On behalf of the local organizing committee, it is our pleasure to invite you to participate in this symposium and explore the opportunities. For further details please visit:

### Local Organizing Committee (IASST)

- ⇒ Chief Patron: Prof. Ashis K. Mukherjee
- ⇒ Organizing Secretary: Dr. J. C. Bora
- ⇒ Joint Secretary: Dr. M. R. Khan
- ⇒ Treasurer: Asis Bala
- ⇒ Convener: Dr. Tutu Kalita
- ⇒ Members: Dr. A. Devi  
Dr. S.S. Pandey  
Dr. A. Patra



## Two-Day Symposium on From Venom Pharmacology to Drug Discovery: National and International Perspective (SnakeSymp-2024) 9-10 February 2024

### About the Symposium

The study of venomous animals including snake, scorpion, spider has stimulated the minds and flared the imagination of general people as well as the scientific community more, than many of the other subjects. In recent years, the subject of venom and toxin has been receiving much more interest from the standpoint of biochemistry, toxicology, pathophysiology, pharmacology, immunology, and biomedical research. Besides the production of antivenom, venom especially from snakes, and scorpion has many exciting and wide ranges of medical applications.

Each year, approximately 421,000 cases of envenomation and 20,000 snakebite deaths occur throughout the World. Snakebite, for instance, is a global problem, especially in subtropical countries like India. It is estimated that annual snakebite mortality in the Indian subcontinent is more than 25,000. However, accurate data and statistics of snakebite are hardly available as most snakebites occur in remote areas, so it remains unreported. As a consequence, the actual magnitude of the problem is more severe than reported. In addition to India, snakebite is as big an issue in our neighboring countries of Sri Lanka, Myanmar, Bangladesh, Nepal, and Pakistan. Hence, WHO has listed the problem of snakebite as a “Neglected Tropical Disease”.

Therefore, the study of biochemical characterization and pharmacological properties of venom is important to understand its pharmacological effects during envenomation and also for its treatment. Furthermore, these proteins and polypeptides have served as valuable research tools for therapeutic applications. Traditionally many medicinal plants have been used for the 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.





## Two-Day Symposium on From Venom Pharmacology to Drug Discovery: National and International Perspective (SnakeSymp-2024) 9-10 February 2024

### **The major themes of this symposium will be:**

- (i) Biochemistry/bioinformatics/biophysics/molecular biology/OMICS analysis of toxins from snake/scorpion/spider/microbes/plants and other organisms.
- (ii) Systems and biology of venomous animals.
- (iii) Evolution of venom and toxins.
- (iv) Pathophysiology of venomous bites and the treatment.
- (v) Challenges of anti-venom manufacturing companies.
- (vi) Social awareness on prevention and management of venomous bites.

### **Targeted audience**

We welcome all the researchers, professors, scientists, industrialists, and all others who are interested in the promotion and development of Venom research to join this event to share their knowledge and expertise to strengthen venom research at large.

We welcome scientific presentations from professors, scientists, and researchers from academia and industry. The program will be organized on-site.



## Two-Day Symposium on From Venom Pharmacology to Drug Discovery: National and International Perspective (SnakeSymp-2024) 9-10 February 2024

### Resource persons

Eminent academicians, students, researcher and technologists from university, institutes and industries, health care professionals, cultivators of medicinal plants, industrialists will share their research experiences

### Why you should be a part of SnakeSymp-2024?

SnakeSymp-24 will offer a focused networking opportunity to the industries, academicians, scientists, pharmacists, and all who are involved in the production of anti-venom.

### Benefits

- ⇒ Publicity through banners, information booklets, and flyers
- ⇒ Get maximum exposure of your organization and increase brand awareness
- ⇒ Attract new talent and strengthen partnerships
- ⇒ Give maximum exposure to your organization and increase brand awareness
- ⇒ Deliver your message to an esteemed scientific community
- ⇒ Build relationships for the future



**Two-Day Symposium on  
From Venom Pharmacology to Drug Discovery:  
National and International Perspective  
(SnakeSymp-2024)  
9-10 February 2024**

### About Sponsorship and Advertisements

#### Types of Sponsorship

<b>Platinum</b>	<b>Diamond</b>	<b>Gold</b>
<b>₹ 2.5 Lakhs</b>	<b>₹ 1.5 Lakhs</b>	<b>₹ 1.0 Lakh</b>

#### Advertisement in the Abstract Book

<b>Colour Advertisement (INR in Lakh)</b>		<b>Black &amp; White Advertisement (INR in Lakh)</b>	
<b>Full Page</b>	<b>Half Page</b>	<b>Full Page</b>	<b>Half Page</b>
<b>0.80</b>	<b>0.60</b>	<b>0.50</b>	<b>0.30</b>



**Two-Day Symposium on  
From Venom Pharmacology to Drug Discovery:  
National and International Perspective  
(SnakeSymp-2024)  
9-10 February 2024**

## **Details of the Advertisement Package & Benefits of Premium Sponsorship**

### **PLATINUM SPONSOR [₹ 2.5 Lakhs]**

- ⇒ Complimentary registrations and accommodation for 3 persons at a 3-Star hotel for 2 nights.
- ⇒ **Space for the premium stall with a table and chair.**
- ⇒ Logo will be displayed at the venue and abstract book.
- ⇒ Acknowledgment in the website & congress program book and backdrop.
- ⇒ Printed brochures provided by the organization will be inserted in the participants' kit bags.
- ⇒ Facilities for hanging one banner at the IASST venue.

### **DIAMOND SPONSOR [₹ 1.5 Lakhs]**

- ⇒ Complimentary registrations and accommodation for 3 persons at 3-Star hotel for 2 nights.
- ⇒ Logo will be displayed at the venue and abstract book.
- ⇒ Acknowledgment in the website & congress program book and backdrop.
- ⇒ Printed brochures provided by the organization will be inserted in the participants' kit bags.
- ⇒ Facilities for hanging one banner at the IASST venue.

### **GOLD SPONSOR [₹ 1.0 Lakh]**

- ⇒ Complimentary registrations and accommodation for 2 persons at 3-star hotel for 2 nights.
- ⇒ Logo will be shown at the venue and abstract book.
- ⇒ Acknowledgment in the website & program book and backdrop.
- ⇒ A printed brochure provided by the organization will be inserted in the participants' kit bags





## Two-Day Symposium on From Venom Pharmacology to Drug Discovery: National and International Perspective (SnakeSymp-2024) 9-10 February 2024

### Terms and Conditions of Booking

- Payment must be made in advance of the conference and is non-refundable.
- Order Form should be filled properly as enclosed with this brochure.
- Approval will be made upon receipt of the payment only. All benefits of sponsorships will be available immediately upon approval.
- Payments should be made by Cheque or Bank transfer; in favor of  
"IASST WORKSHOP AND CONFERENCE

A/C No: 10432943723

Bank: State Bank of India

Branch: Khanapara, Guwahati, Assam

IFSC Code: SBIN0009945

### Contact Details

Organizing Secretary, SnakeSymp-2024,

IASST, Guwahati, India

Email: [snakesymp24@gmail.com](mailto:snakesymp24@gmail.com)





## Two-Day Symposium on From Venom Pharmacology to Drug Discovery: National and International Perspective (SnakeSymp-2024) 9-10 February 2024

### About Guwahati

Guwahati is the biggest city of Assam and also the largest metropolitan in northeastern India. Guwahati is situated on the south bank of the Brahmaputra and known as the "gateway to North East India.

### Connectivity

IASST is well connected with Lokpriya Gopinath Bordoloi International Airport (19.3 km), Inter State Bus Terminus (ISBT) (11.0 km), and Kamakhya Junction (9 km).

### Weather during February

During February, Guwahati weather is pleasant. Throughout the daytime, temperature often lies between 20-25 °C. During the night times, the temperature drops to 16-18 °C.

### Notable Places of Visit



**Kamakhya Temple**  
(14 km)



**Deepor Beel Ramsar Site**  
(16 km)



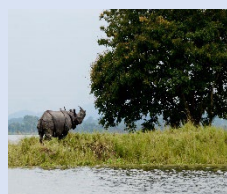
**Manas National Park**  
(132 km)



**Chandubi Lake**  
(20.0 km)



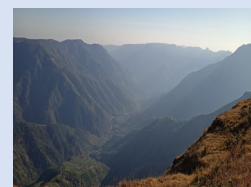
**Pobitora National Park**  
(14 km)



**Kaziranga National Park**  
(192 km)



**Cherrapunji**  
(Meghalaya)  
(147km)



**Laitlum (Shilong)**  
(102 km)