



8th

Annual Convention

of
Society of Veterinary Biochemists and
Biotechnologists of India (SVBBI)
&

National Symposium

on
Unlocking the Potential of
Veterinary Biochemistry
and Biotechnology for
Food and Nutrition
Security



Organized by
Department of Veterinary Biochemistry
College of Veterinary Science and Animal Husbandry
UP Pandit Deen Dayal Upadhyaya Pashuchikitsa Vigyan
Vishwavidyalaya evam Go Anusandhan Sansthan,
Mathura-281 001 (U.P.) INDIA
and
Society of Veterinary Biochemists and Biotechnologists of India (SVBBI)

20-21

December, 2024



Dear Colleagues and Friends

The Organizing Committee, extends a warm and cordial invitation to the Birthplace of Lord Krishna, Mathura for your active participation in the 8th Annual Convention of Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) and National Symposium on “Unlocking the Potential of Veterinary Biochemistry and Biotechnology for Food and Nutrition Security” (SVBBICON-2024), scheduled to take place from 20th to 21st December 2024 at College of Veterinary Science and Animal Husbandry, UP Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (Veterinary University), Mathura, India.

The motivation behind this esteemed event of SVBBI is to provide a platform to the galaxy of eminent scientists, academicians, policymakers, healthcare professionals, researchers, field veterinarians, industrialists, students and all other stakeholders of animal health and production to congregate and to share their extensive knowledge, research findings, novel ideas, and the latest advancements for exploring the potential of Veterinary Biochemistry and Biotechnology for food and nutrition security.

Theme

During the pandemic of COVID-19, world could understand the vital role and importance of balanced ration and nutrition on health to combat such new menaces. COVID19 and other emerging human and animal diseases are guiding factors for think tanks and policy makers to reorient the education and research modules not only in the field of molecular diagnostics, therapeutics and vaccine production but also in the area of food and nutrition for enhancing immunity and resistance against diseases particularly food products from animal sources to face such situations. Furthermore, this is high time to explore the potential of Biochemistry and Biotechnology as a weapon to counter the roadblocks experienced in attaining food and nutrition security by augmenting the quality and quantity of animal food products through optimal animal health and production and thereby benefiting livestock owners of the country.

By bringing together premier interdisciplinary experts, researchers, practitioners and educators in the field, the SVBBICON-2024 will delve into most recent innovations, trends and concerns as well as practical challenges encountered and solutions adopted to enhance food production and ensure nutritional security by improving animal health and production. Through engaging discussions and knowledge sharing, attendees will gain insights into the latest advancement in the field, technological developments, new research opportunities and practical solutions for addressing challenges in the realm of Veterinary Biochemistry and Biotechnology. The conference will also promote collaboration and exchange of extensive knowledge among participants from diverse milieu and province, with the goal of advancing the understanding of the complex interrelationships between food, nutrition, health, and lifestyle factors.

The organizing committee is dedicated to ensure that the conference becomes an academically and culturally enriching experience for all the attendees.

We eagerly anticipate your participation in the Conference.

About The Host

Recognizing the importance of livestock of this area, Govt of U.P. established the erstwhile U.P. College of Veterinary Science and Animal Husbandry was in Mathura on 16th January, 1947. It was the first Veterinary College in Asia to confer the degree in Veterinary Science.



Keeping in view the requirement of trained and competent manpower in the field of Veterinary Science, Animal Husbandry, Fisheries and other allied disciplines and also to give a fillip to research on different aspect of cattle production, Government of Uttar Pradesh established Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (Veterinary University), Mathura, vide U. P. Act. No. 27 of 2001 on 25.10.2001 with the College of Veterinary Science and Animal Husbandry, the erstwhile U.P. College of Veterinary Science and Animal Husbandry, Mathura as its main constituent College.

At present University is the premier Veterinary and Animal Science Institution and is known for its quality education and research on various aspects of animal health and production including disease diagnosis, and advisory and extension services through scientific knowledge and expertise. Undertaking need based applied and basic research in strategic and emerging areas bringing livestock owners, poor and marginal farmers and empowering rural women for giving them economic identity.

About Department of Veterinary Biochemistry

Department of Veterinary Biochemistry came into existence after bifurcation of Department of Veterinary Physiology and Biochemistry in the year 1984. Apart from teaching of undergraduate students, department has good facilities for post graduate teaching and research.

The mandate of the Department is to undertake region-based, need-based, applied and basic research in strategic and emerging areas for improving animal health and productivity by adapting modern technology as well as to impart undergraduate and postgraduate teaching and research in Veterinary Biochemistry. Since inception, 49 and 9 students have completed their MVSc and PhD degrees, respectively from this department and presently there are 4 students on roll. The main focus of the research is clinical biochemistry, reproductive biochemistry, molecular genetics, antimicrobial peptides, disease diagnosis and alternative medicines. Department has the distinction of having handled research projects awarded from International Foundation for Science, Sweden; Indian Council of Agriculture Research (ICAR), New Delhi, Central Council for Research on Homeopathy (CCRH), New Delhi and in organizing Summer institute in 1983, international symposium in 1984, Conference of Society of Veterinary Science and Biotechnology (SVSBT) in 2014 and e-Conference of Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) in 2021.

About SVBBI

The Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) is registered Scientific Society which was established in 2008 in Bhubaneswar, Odisha. However the foundation stone of society as prototype was initiated at Indian Veterinary Research Institute, Izzatnagar in 1995. The aim of the Society is to provide scientific platform for discussion



and exchange of novel ideas for technological developments and addressing challenges to augment animal health and production for the benefit of animal owners and policymakers.

Venue, Location and nearby Places to Visit

Mathura, the birth place of Lord Krishna, is located on the bank of the river Yamuna at a distance of about 14.5 km from the town of Vrindavan and 22 km from Govardhan, one hour away from World Heritage City Agra, two hours away from National Capital New Delhi, and four



hours away from Pink City, Jaipur, Rajasthan. Mathura city is well connected to all the major cities of country by both rail and road and nearby airports are at Agra and New Delhi. Mathura and Vrindavan are the attractions of Hindu pilgrimage for centuries. The historical and religious places in and around Mathura are Sri Krishna Janmabhoomi, Dwarkadheesh Temple, Vishram Ghat, Government Museum, Gokul, Daaui, Banke Bihari Temple, ISKCON temple, Chandroday Temple, Prem Mandir, Nidhivan, Govardhan, Kusum Sarovar, Ladliji Temple-Barsana. One amongst the UNESCO World Heritage Sites and World's Wonders 'The Taj Mahal' is only one hour away from Mathura where you can also visit other World Heritage Sites, Red fort, Fatehpur Sikari, Itmad-ud daula' tomb, Akbar's Tomb, and Mehtab Bagh. National capital New Delhi is 2 hours away from Mathura and major places of attraction at Delhi are India Gate, Red Fort, Qutub Minar, Jama Masjid, Lotus temple. The heritage Pink city, Jaipur, Rajasthan is 4 hours away from Mathura where the places of attractions are Amber Fort, Nahargarh Fort, Jaigarh Fort where you can see the largest canon on Wheel-'Jaiwaan', Hawa Mahal, Jal Mahal, City Palace, Jantar-Mantar (World's largest sun clock), Birla Temple, Govind Deoji Temple and Keoladevi Birds' Sanctuary, Bharatpur (50 Km from Mathura) is on the way to Jaipur. The organizing committee may make transport arrangements for local sight-seeing and trip to nearby places of tourist interest on advance payment basis.



Weather

The weather in the month of December in Mathura is moderate to cold with temperature ranging between 10°C to maximum 25°C and average relative humidity 45%. It is advised to keep warm clothes for comfortable stay during conference.



Accommodation

Limited accommodation is available in the University campus. The accommodation in the campus may be provided to the delegates on University rates on first cum first serve basis. Organizing committee will reserve nearby hotels only on advance intimation on payment basis with nominal tariff ranging from Rs.1500 to Rs.8000 per day. The lodging charges will have to be borne by the participants. The participants may also reserve accommodation on by own or they can pay the advance for getting the room booked in following hotels:

Name of the Hotel	Tariff range/day	Contact number	Email /website
Hotel Lalita Grand	Rs 6000-8000 + GST	Mr. Raghav Garg 7417384065	gm@lalitagrand.com
Hotel Basant Sarovar	Rs. 2500-3000 + GST	Mr. Kamal Tiwari 9415615500	basantsarovar@gmail.com basantsarovar.com
Hotel Nova Blu	Rs. 1800-2000 + GST	Mr. Chanchal 8439693937	hotelnovablu@gmail.com
Hotel Mahabir Inn	Rs. 1600-2000 + GST	Mr. Ashu 9068155111	mahabirinn36@gmail.com
Hotel Divine	Rs. 1600-1800 + GST	Mr. Shailendra Kumar 9990143922 9634446777	hoteldivinemathura@gmail.com
Hotel Radhika's Inn	Rs. 1400-1800 + GST	Mr. Gaurav Goswami 9119775861	

Local transportation will be provided by the Organizing Committee to and fro to the venue of symposium and site of stay from these hotels only and from nearby railway/bus station to the site of stay on prior intimation.

Scientific Programme

The SVBBICON-2024 will cover a broad range of topics of Biochemistry and Biotechnology related to Animal Health and Production such as OMICS Biology, Alternative Medicines, New Generation Vaccines and Diagnostics, Innovations in Food Science and Nutrition, Probiotics and Functional Foods, Nutritional Disorders, Natural & Artificial food additives. The highlights of a SVBBICON-2024 typically include keynote speeches from leading experts in the field, poster and oral presentations of research findings, industry-academia interaction, and networking opportunities for attendees.

Submission of Abstracts

The organizing committee of the SVBBICON-2024 Mathura invites eminent scientists, academicians, policymakers, healthcare professionals, researchers, field veterinarians, nutritionists, industrialists, students, and all other interested individuals concerned with animal health and production to submit their abstracts of research work for Oral and Poster Presentation in different technical sessions. Soft copies of abstracts of contributory research indicating

preferred technical session of presentation must be submitted to the organizing secretary (email id: svbbicon2024@gmail.com) before November 30, 2024. Abstracts should be in English within 250 words and should clearly state: Aims, Methods, Results and Conclusions. No figures or tables are to be included in the abstract. The preferable font size for abstract title is Times New Roman 14 and Body text is Times New Roman 12. The abstract must contain title, names of authors (Surname, Followed by initials) and address of the institution with email ID & phone number of the presenting authors. The name of the presenting author should be in bold letters and underlined. Authors can submit abstracts preferences for their choice of session as well as mode of presentation (oral or poster) presentation but the organizing committee retains the final decision to choose the presentation format. The acceptance of the abstract shall be communicated through the email to the presenting author. The poster should be of standard size 4'L X 3'W. There shall be exclusive awards in each technical session for students in which presently enrolled or recently passed out Master / PhD students can only participate. For this session the abstract submitted must be part of Master/PhD research and the presenting author should be first author for receiving the award. Students must send a scanned copy of duly signed certificate from the Head of the Department / Institution along with abstract as a supporting document for considering the abstract for the awards as well for concessional registration fee for students. The schedule and details of the presentations will be communicated well in advance before the scheduled date of conference.

Technical Sessions

- National symposium : Nutrition and Food Security
- Technical session I : Advancement in Animal and Fish Biochemistry
- Technical session II : Innovations in Biotechnology (Food, Animal, Fish, Environmental and Nano-technology)
- Technical session III : Contemporary Research in Molecular Diagnostics and Vaccine Production
- Technical session IV : Advancement in Genomics, Proteomics and Metabolomics Research
- Technical session V : Development in Alternative Medicine, Pharmaceutical and Nutraceutical Research for Animal Health and Production
- Technical session VI : Innovations in Aquaculture, Wildlife and Veterinary Research
Industry-Academia-Student Meet

Awards and Recognitions

- ❖ The best oral and poster presentations in each technical session will be awarded on the recommendations of the Chairperson of the respective sessions.
- ❖ Scientist of the Year and Teacher of the Year Award for both Male and Female members of the Society shall be awarded on the recommendation of the Selection committee of the Society.
- ❖ There shall be separate Awards in each technical session exclusively for the Masters' and PhD students.

Registration Fees and Payment Details

All the participants are required to register themselves for the SVBBICON-2024 conference. The registration fee may be deposited in the form of Demand Draft in favour of SVBBICON-2024 payable at Mathura. The registration fee may also be paid through online transfer to the conference account as per the following details. The transaction details (amount, transaction ID/UTR number, Date and Time of money transfer) of the online transfer of registration fees must be communicated on the same day to the conference email ID: svbbicon2024@gmail.com.

Account details

Account Number	147502000000277
Account Name	SVBBICON-2024
Account type	Current
Bank Details	Indian Overseas Bank, Veterinary College, Mathura
IFSC Code	IOBA0001475
SWIFT code	IOBAINBB192
AD CODE	0270028-3610156

Category	Early Bird Fee (Up to October 31, 2024)	After 1st November 2024/ On-spot Registration
SVBBI Member	Rs. 6000	Rs. 6500
SVBBI Non-member	Rs. 7000	Rs. 7500
Student* (Master/PhD) SVBBI Member	Rs. 2500	Rs. 3000
Student* (Master/PhD): SVBBI Non-member	Rs. 3000	Rs. 3500
Foreign Delegate	USD 300	USD 350
Foreign students/ Research Fellow*	USD 100	USD 150
Accompanying persons	Rs. 2000	Rs. 2500
Corporate member	Rs. 10000	Rs. 10000

*The registration fee does not include accommodation charges. *Students/ Research Fellow must upload/bring a copy of valid ID card/ bonafide certificate from Head of the Department/Institution.

Executive Members SVBBI

<i>President</i>	Dr B. P. Mohanty
<i>Vice President</i>	Dr E. Prasad
<i>Secretary</i>	Prof. S. Batabyal
<i>Joint Secretary</i>	Prof. Vijay Pandey Dr Chanchal Singh Dr K. Padmanath
<i>Treasurer</i>	Prof. P.C. Behera
<i>Joint Treasurer</i>	Dr Anil Gattani



Organizing Committee

<i>Patron</i>	Prof. A.K. Srivastava	Vice Chancellor, DUVASU, Mathura
<i>Chairman</i>	Prof. Vikas Pathak	Dean, College of Veterinary Science and Animal Husbandry, Mathura
<i>Organizing Secretary</i>	Dr Vijay Pandey	Professor and Head, Veterinary Biochemistry vijay.pandey@upvetuniv.edu.in +91-9412777945; +91-9149367024
<i>Joint-Organizing Secretary (Treasurer)</i>	Dr Pawanjit Singh	Associate Professor, Veterinary Biochemistry pawanjit.singh@upvetuniv.edu.in +91-9412321059
<i>Technical Secretaries</i>	Dr Amit Singh	Associate Professor, Veterinary and Animal Husbandry Extension
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	Dr Shanker Kumar Singh	Associate Professor, Veterinary Medicine
	Dr Ajay Pratap Singh	Assistant Professor, Veterinary Microbiology
	Dr Soumen Choudhury	Veterinary Pharmacology and Toxicology
<i>Members</i>	Dr Sanjay Purohit	Prof. & Head, Vet. Surgery and Radiology
	Dr Rajneesh Sirohi	Associate Prof. & Head, Livestock Production & Management
	Dr Neeraj Gangwar	Associate Prof. & Head, Veterinary Pathology
	Dr Udit Jain	Associate Prof. & Head, Veterinary Public Health



Contact:

Dr Vijay Pandey

Professor and Head

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20-21 December, 2024

To, _____



Contact:

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