

INTERNATIONAL WEBINAR on

**Receptor Dynamics in Cell Signalling
and**



National e-Conference of

**Indian Society of Veterinary Pharmacology & Toxicology
on**

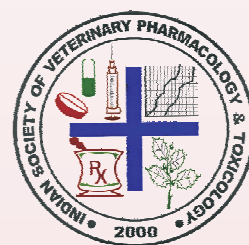
Translational Approaches in Herbal Drug Development

First Announcement



ISVPT e-CONFERENCE, 2020

September/October 2020



JOINTLY ORGANIZED BY

Department of Veterinary Pharmacology and Toxicology

College of Veterinary Science and Animal Husbandry

**U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go-Anusandhan Sansthan, Mathura, 281001 (Uttar Pradesh), INDIA**

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Indian Society of Veterinary Pharmacology & Toxicology

Indian Society of Veterinary Pharmacology & Toxicology was established in 2000 to provide a suitable platform to academicians, researchers and students, and foster the bonds with industry and other biomedical sciences to address the issues related to animal health and production and advise Govt. on Issues related to rules and regulations for developing drug formulations for their safe and judicious use in livestock and poultry sector and monitoring of drug residues.

About the e-Conference and Webinar

Genomic, proteomic and metabolomic tools have been extensively useful in elucidation of molecular targets of drug actions including receptor and ion channels, and these are considered as important drug targets too. These can be suitably modulated to address several pathophysiological conditions and diseases. Cell signalling plays an important role in physiological events, therefore, understanding of cell signalling mechanisms is of vital significance in receptor dynamics for their possible manoeuvring from therapeutic perspective. Having our more than 5000 years old legacy of use of Ayurveda in human and animal health, and extensive research by most of the Pharmacologists in the country, be in Veterinary Colleges, Medical Colleges or other research Institutes in the area of medicinal plants for decades, we have not been able to come out with many good herbal formulations.

In view of the COVID-19 pandemic, congregation of Pharmacologists, Toxicologists and other Scientists for the 20th Annual Conference of Indian Society of Veterinary Pharmacology and Toxicology during this year is feasible. Therefore, 20th Annual **Conference of Indian Society of Veterinary Pharmacology & Toxicology** will be organized as e-conference. It has been decided to organize some important symposia through webinars. Accordingly, the Organizing Committee has decided to hold an **“International Webinar on “Receptor Dynamics in Cell Signalling” and National e-Conference on “Translational Approaches in Herbal Drug Development”**. Distinguished Pharmacologists and Toxicologists from academia, industry and regulatory bodies from India and abroad will be invited to share and exchange their scientific ideas and experiences, present their novel scientific findings and sensitize the scientific community and industry. During this event, opportunity will be provided to youngsters to show-case and present their research findings through “e-posters”. The e-posters will be evaluated by a panel of experts.

Apart from this, “Chellapa Memorial Oration” and Prof. M. Sabir Oration” lectures will also be delivered through webinars by distinguished Scientists.

We will be physically missing you in the twin-town of Mathura-Vrindavan and providing an opportunity to you to visit TAJMAHAL and FATEHPUR SIKRI. Now we look forward to welcome you all through the series of webinars which will be organized by us in collaboration with ISVPT during September/October 2020. Final dates will be communicated soon in the second and final announcement.

DUVASU - The Host Institute

College of Veterinary Science and Animal Husbandry Mathura, the main constituent college of this University, was established in 1947 and U.P. Pandit Deen Dayal Upadhyaya Pashu-Chikitsa Vigyan Vishwavidyalaya Evam Go Anusandhan Sansthan Mathura was established in 2001. Veterinary College Mathura, since its establishment, has been recognized nationally not only for its significant academic and scientific contributions but also producing distinguished alumni who have been steering veterinary education and research as policy planners and also heading various organizations and Institutes including the coveted position of Director General of Remount Veterinary Services, Ministry of Defence, Govt. of India.

Department of Pharmacology and Toxicology, earlier Department of Materia Medica and subsequently the Department of Pharmacology, came into existence in this Institute in 1949. Postgraduate education programme leading to award of M.V.Sc. degree in Veterinary Pharmacology was started in 1962 and PhD in 1970. Since starting of postgraduate and doctoral programmes in the Department, more than 100 students have completed their M.V.Sc. degree and 15 their PhD degree from this Department.

Department is undertaking research on medicinal plants, characterization of receptors and ion channels and their down-stream-signaling pathways, pharmacokinetics of antibacterial and anti-inflammatory drugs, toxicology of metals and agrochemicals, ameliorative potential of certain plants and their products against xenobiotics, and reproductive toxicity of heavy metals in males and females, especially on toxicodynamic aspects.

Department has established “state of the art research laboratories” for human resource development and capacity building and has been imparting hands on training to students and faculty members from various academic and research institutes. Successful organisation of ICAR-sponsored Winter School in 2016 and Short Course programme in 2018, two training programmes for students and faculty under ICAR-Niche Area of Excellence Project in 2015 and 2016, and recently one training programme of 10 days duration under SC-SP of ICAR funded EVM project are testimony to the strength of the Department and also its contributions in human resource development.

Department has the distinction of having successfully completed the Niche Area of Excellence Research Project funded by ICAR, and presently running ICAR funded Ethno-veterinary Medicine project. In addition, we have completed several industry sponsored research projects as well. Research work of the postgraduate students has been of high scholastic order as they have been the recipients of ICAR-Jawahar Lal Nehru Award for best PhD thesis, Ram Lal Agarwal National Award for research on medicinal plants, ICAR-Netaji Subash International Fellowship for doctoral programme in UK, and several young scientist awards of the ISVPT and other Societies. Department also has to its credit of having successfully organized the 8th Annual Conference of ISVPT in 2008, 4th International Conference of Laboratory Animal Scientists Association in 2011, 11th Convocation of National Academy of Veterinary Science (India) and National Symposium on “Livestock Policy for National Food and Nutritional Security in the scenario of WTO Regulation”, and 33rd Annual Conference of Society of Toxicology in 2013.

Registration

All the participants are requested to register for different webinars on-line well in advance. “e-Certificates” under the signature of President of the Society and Organizing Secretary will be issued to all the registered participants.

REGISTRATION FEE

Faculty Members	:	Rs. 500/
Students	:	Rs. 250/
Industry	:	Rs. 500/

Note: No registration fee will be charged from the superannuated members of the Society.

Highlights of Technical Programmes

- Chellapa Memorial Oration lecture
- Prof. M. Sabir Oration lecture
- Virtual lectures of eminent international and national speakers
- Display of “e-Posters” on the Society website.

Awards and Honours

- 1) Announcement of Fellows and Associate fellows of ISVPT
- 2) Best MVSc and PhD Theses Awards
- 3) Best e-Posters Awards

Organizing Committee

Patron-in-Chief:

Prof. G. K. Singh
Hon'ble Vice Chancellor, DUVASU, Mathura

Chairman Organizing Committee:

Dean, Veterinary College, Mathura

Organizing Secretary:

Prof. Satish K Garg

Treasurer:

Dr. Atul Prakash

Members:

Dr. Soumen Choudhury
Dr. R. K. S. Yadav
Dr. Amit Shukla



(e-ISVPT : 2020)