FINAL ANNOUNCEMENT
of
XX Annual Conference of
Indian Society of Veterinary Pharmacology & Toxicology
as Virtual Conference (e-Conference)
&
International Webinar on
Receptor Dynamics in Cell Signalling
and
National Webinar on
Translational Approaches in Herbal Drug Development
October 4-5, 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
&
Indian Society of Veterinary Pharmacology & Toxicology
Indian Society of Veterinary Pharmacology & Toxicology was established in 2000 to provide 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 Government on issues related to rules and regulations for developing veterinary drug formulations for their safe and judicious use in livestock and poultry sector.

Genomic, proteomic and metabolomic tools have been extensively useful in elucidation of molecular targets of drug actions. These can be suitably modulated to address several pathophysiological and diseases conditions. Cell signalling plays important role in physiological processes as well as disease conditions, therefore, it is very important to understand receptor dynamics in cell signalling mechanisms. Having our rich legacy of use of Ayurveda in human and animal health for more than 5000 years, it is very important to scientifically validate our claims and work out the molecular mechanisms of actions of promising compounds and develop these as modern drugs.

Thanks to COVID-19 pandemic (haaa--hahaha), that actual congregation of Pharmacologists, Toxicologists and other Scientists for the 20th Annual Conference of the Society is not feasible. Therefore, 20th Annual Conference of Indian Society of Veterinary Pharmacology & Toxicology” is being organized as e-Conference and main highlights of the technical programme are one “International Webinar on Receptor Dynamics in Cell Signalling” and one National Webinar on “Translational Approaches in Herbal Drug Development”. To provide an appropriate opportunity to youngsters to show-case and present their research findings, special provision for “e-posters” has been made. Apart from these, “Chellapa Memorial Oration” and Prof. M. Sabir Oration” lectures will also be delivered through webinars by distinguished Scientists.

Department of Pharmacology and Toxicology came into existence in 1949. Postgraduate programme (M.V.Sc.) in Veterinary Pharmacology was started in 1962 and PhD in 1970. Since starting, more than 100 students have completed their M.V.Sc. degrees and 15 their PhD degrees from this Department. Department is engaged in research on medicinal plants, characterization of receptors and ion channels and their down-stream-signalling pathways, pharmacokinetics, toxicology of metals including reproductive toxicity, especially on pharmacodynamic and toxicodynamic aspects.

Department has state of the art research laboratories for human resource development and capacity building. During the last five years, Department has successfully organized ICAR-sponsored Winter School in 2016, Short Course programme in 2018, two training programmes for students and faculty under ICAR-Niche Area of Excellence Project in 2015 and 2016, and one training programme of 10 days duration under SC-SP of ICAR funded EVM project.

Department has the distinction of having successfully completed the ICAR Niche Area of Excellence Research Project and several industry sponsored projects. Presently, Department is running one ICAR funded Ethno-veterinary Medicine project and two projects funded by INMAS, DRDO, Ministry of Defense. Research work of postgraduate students has been of high scholastic order and 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.
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 subject to attending all the webinars/lectures during this event.

**REGISTRATION FEE**

- Research Faculty/Academician/ Govt. Employee/Industry personnel : Rs. 500/-
- Students (required to provide bonafide certificate from competent authority) : Rs. 250/-

**Note:** No registration fee will be charged from the superannuated members of the Society; however, we request them to apply on-line and fill up the registration form.

**ONLINE PAYMENT INFORMATION**

- Beneficiary Name : ISVPT e-conference 2020
- Bank : Indian Overseas Bank
- Branch : Veterinary College, Mathura
- A/C No. : 14750100016612
- IFSC Code : IOBA0001475
- MICR : 28102003

(Please mention the transaction details/number in the online registration form)

**REGISTRATION LINK**

https://docs.google.com/forms/d/e/1FAIpQLSfTqCVIZv5kdC-XW762WUq3eVYv3qllHB8cRSkREUmyL43v1A/viewform

**Submission of Abstracts**

- Participants must register before submission of abstracts through online. Registration details should be provided along with the abstract submission.
- Maximum two abstracts can be submitted by one registered participant.
- Authors are requested to strictly adhere to the guidelines of abstract submission (please refer to the template)
- Research work without ethical clearance, as and where required, will not be entertained. Corresponding author will be responsible for the ethical dispute, if any.
- **Mode of presentation : e-poster**
- e-posters in the field of Pharmacokinetics/ Ethno-Pharmacology/ Molecular Pharmacology/ Toxicology are invited.
- Please submit your abstract as an attachment along with e-registration form.
- e-poster (in pdf format; **Poster Size: 3’x4’**) may be sent to isvpt2020duvasu@gmail.com
- **Submission deadline : 20th Sept, 2020**

**Note:** All the received e-posters will be screened by Organizing Committee. Those found in order will be uploaded on the Society website for wider display for the benefit of the participants. Judgement of the best e-Posters will be made by a panel of three experts. Winner’s names will be declared during the inauguration session.
Highlights of Technical Programmes

- **PROF. M. SABIR ORATION LECTURE**
  Speaker: Prof. Anil K Srivastava,
  (Member, Agricultural Scientists Recruitment Board, New Delhi and Former Director, ICAR-National Dairy Research Institute, Karnal)

- **CHELLAPA MEMORIAL ORATION LECTURE**
  Speaker: Dr. Santosh K Mishra,
  (Retd. Principal Scientist & Head, Division of Pharmacology & Toxicology, ICAR-Indian Veterinary Research Institute, Izatnagar)

- 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) Announcement Best M.V.Sc. and Ph.D. Theses Awards
3) Best e-Posters Awards

Organizing Committee

- **Patron-in-Chief** : Prof. G. K. Singh
  Hon’ble Vice Chancellor, DUVASU, Mathura

- **Chairman** : Dr. Rajesh Nigam
  Dean, College of Veterinary Sc. & AH, Mathura

- **Organizing Secretary** : Prof. Satish K Garg
  Professor & Head, Department of Pharmacology & Toxicology

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  Assistant Professor, Department of Pharmacology & Toxicology

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  Principal Scientist, CSIR-CIMAP, Lucknow
  Dr Soumen Choudhury
  Assistant Professor, Department of Pharmacology & Toxicology

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  Dr. Amit Shukla
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Dr. Santwana Pallai

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Dr. Philip Aaronson  
King’s College, London, UK  
Mechanisms of Hypoxic Pulmonary Vasconstriction

Prof. Daniele Passarella  
Univ. degli Studi di Milano, Golgi, Milan, Italy  
Hedgehog Pathway and Natural Products: Drug Design and Synthesis

Dr. M. Dennis Leo  
The University of Tennessee Health Science Centre, Memphis, USA  
Vascular Ion Channel Trafficking in Health and Disease

Prof. Amrita Ahluwalia  
Director of the Bart’s Cardiovascular CTU, London, UK & Editor-In-Chief, British Journal of Pharmacology  
Reproducibility and Transparency: Approach of The British Journal of Pharmacology

Dr. Jaganathan Subramani  
University of Texas Health Science Centre, Tyler, USA  
Redox regulation of eNOS in cardiovascular diseases

Prof. Andrew P Braun  
University of Calgary, Calgary, Canada  
The regulation of vascular tone by endothelial KCa channels in health and disease
Dr. Prasoon Gupta
CSIR- Indian Institute of Integrative Medicine, Jammu, India
High-throughput Discovery of Plant Leads and Herbal Drug Development

Dr. Debabrata Chanda
CSIR-Central Institute of Medicinal and Aromatic Plants, INDIA
Calcium and potassium ion channel modulating potential of novel medicinal plant compounds and their evaluation in rodent model for cardiovascular diseases

Dr. D. U. Bawankule
CSIR-Central Institute of Medicinal and Aromatic Plants, INDIA
Regulation and Translational research Process of Herbal Drug Development in India

Prof. Pulok Mukherjee
Associate Editor of the Journal of Ethnopharmacology
Metabolites behind bioactivities: Exploring ethno pharmacology for better therapeutics

Prof. Satish K. Garg
Former Dean, COVSc & AH, Professor & Head, DUVASU, Mathura
Challenges in Translational Research in Academic Institutes
### Template of Abstract

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<td><strong>AUTHOR:</strong></td>
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