

**SHORT COURSE
ON
Recent Advances in Pharmacological
Techniques**

07-16 September, 2015

**Sponsored by
Indian Council of Agricultural Research
New Delhi-110012**

**Course Director
Dr. Thakur Uttam Singh
Scientist (SS)**



**Organized by
Division of Pharmacology & Toxicology
ICAR-Indian Veterinary Research Institute,
Izatnagar-243122, Uttar Pradesh**



About Short Course

The Division of Pharmacology and Toxicology, Indian Veterinary Research Institute, Izatnagar is organizing the ICAR sponsored 10-days Short Course on "Recent Advances in Pharmacological Techniques" from **7th to 16th September, 2015** for the benefit of scientists/teachers/researchers from ICAR Institutes/State Agricultural Universities. This programme consists of lectures, practical sessions and group discussions which would be conducted by the learned faculty of the Institute. The practical sessions will provide an excellent opportunity for the participants to gain first-hand experience regarding recent pharmacological techniques like drug-receptor characterization, drug target determination in helminth parasites, receptor expression study with the help of PCR, molecular quantification of gene expression by Real Time PCR, protein expression by Western Blot analysis, identification of therapeutic targets for analgesic and anti-inflammatory drugs and finger printing analysis of phytochemicals.

Eligibility

Candidates holding the rank of Scientist/Assistant Professor or equivalent and Above in the ICAR Institutes/SAUs/CAUs/Agricultural faculty of AMU, BHU, Vishwa Bharti and Nagaland University who possess masters or doctoral degree in Pharmacology, Toxicology, Medicine, Pathology, Biochemistry, Biotechnology, Nutrition and other allied subjects are eligible for this Short Course.

How to apply for the Short Course

Interested Candidates may log on to www.iasri.res.in/cbp, or under the link Capacity Building Program at <http://icar.org.in>. After filling the online application, take a printout of the application and get it approved by the competent authority of your organization. Upload the scanned copy of application through CBP vortal and also send duly forwarded application by post to Dr. Thakur Uttam Singh, Scientist (SS) & Course Director, Division of Pharmacology and Toxicology, ICAR-Indian Veterinary Research Institute, Izatnagar, Bareilly-243 122, Uttar Pradesh, India, Telephone: 0581-2300291; E-mail: tusingh80@gmail.com.

Registration fee for Short Course

As per ICAR guidelines a registration fee of Rs.50/- per participant has to be paid by the participants. The fee may be paid through DD in favour of the Director, Indian Veterinary Research Institute payable at SBI branch CARI (07027), Izatnagar, Bareilly or a Postal Order (uncrossed) to be

drawn in favour of the Director, IVRI, payable at CARI Post Office, Izatnagar, Bareilly, UP.

Travel and Accommodation

The participants will be paid for the journey, to and fro, restricted to AC II-tier train fare or bus. TA will be paid from the place of duty to the Short Course location and back by the shortest route. Lodging and Boarding for all the outside participants will be arranged free of cost in Institute Guest House. A fully functional Mess Hall within the Guest House would be providing wholesome meals and refreshments to all the participants as per the ICAR approved norms. Local participants are not eligible for boarding and lodging, however, local hospitality i.e. working lunch, tea, etc. will be provided. The weather at Bareilly in the month of September would be comfortable. **Applicants are advised not to bring any companion member with them.**

Faculty

Faculty of Division of Pharmacology & Toxicology and allied disciplines of ICAR-IVRI.

Important points to be noted

- Application to be filled only by online mode through www.iasri.res.in/cbp, and signed hard copy of the same may be submitted through proper channel before last date.
- Correspondence or query may be made through email: tusingh80@gmail.com
- Only **25 participants** will be selected for the course.

Address for Application/Correspondence

Dr. T.U. Singh,
Scientist (SS) & Course Director,
Division of Pharmacology and Toxicology,
Indian Veterinary Research Institute, Izatnagar-243122 (UP);
Telephone: 0581-2300291; Mobile: 09412445843
E-mail: tusingh80@gmail.com

Important dates

Last Date of Application: 10th August, 2015 (Monday)
Communication to participants: 15th August, 2015 (Saturday)
Commencement of Training program: 7th September, 2015 (Monday)

About ICAR-IVRI & Division of Pharmacology and Toxicology

Indian Veterinary Research Institute (IVRI) is one of the premier research institutions dedicated to livestock research and development of the region which was established in 1889. The Institute with faculty strength of more than 275 has a major mandate of research, teaching, consultancy and technology transfer activities. The institute with its long scientific heritage has always enjoyed a certain prestige and a tradition of its own. The institute imparts quality post-graduate education to students not only from various parts of the country, but also from overseas. Today, the institute with its deemed to be university status, awards degrees to master and doctoral programmes in more than 20 disciplines of veterinary and animal sciences, livestock products technology, basic sciences and extension education. In 1974, the pharmacology discipline was given a separate status as the Division of Pharmacology and Toxicology at IVRI. The Division has the distinction of developing herbal drugs, experimental models for pharmacological research, delineation of molecular mechanisms of action of various drugs and endogenous substances, establishment of dosage regimens of drugs in small and large animals, safety evaluation of toxicants, management practices for toxicities in animals, etc.

How to reach

Bareilly city is almost at equidistance from New Delhi and Lucknow and is well connected to major cities of India by rail and road. The railway station (Bareilly Junction) and bus stand are approximately 8 and 5 km, respectively, from the Institute. Taxi, auto-rickshaws are readily available round the clock both at bus stand and railway station.

Note: Selected candidates are advised to send their detailed travel plan in advance through email: tusingh80@gmail.com

Chief Patron:

Dr. R.K. Singh, Director & VC, IVRI

Patrons:

Dr. V.P. Singh, JD (A)

Dr. B.P. Mishra, JD (R)

Dr. V.K. Gupta, JD (CADRAD)

Dr. Dinesh Kumar, (Head of Division)

Course Director:

Dr. T.U. Singh (Scientist, SS)

Course Co-coordinators:

Dr. Dharendra Kumar, (Scientist, SS)

Dr. Subhashree Parida, (Scientist, SS)

