



**♦ IMPORTANT DATES:****Last date of Registration:****1<sup>st</sup> February 2021****♦ REGISTRATION FEE:****Postgraduates: Rs. 300/-****Faculty: 350/-****Late Registration: Rs. 400/-****♦ ACCOUNT DETAILS:****IFSC: ALLA0212284****A/C NO.: 50425042797****A/C Name:****Indian Pharmacological Society, Bihar****♦ E- WORKSHOP ONLINE LINK:****<https://igims.org>****CORRESPONDENCE DETAILS:**

The correspondence related to workshop can be made on:

**Dr. Sukalyan Saha Roy**Assistant Professor & Joint Organizing Secretary  
Dept. of Pharmacology, IGIMS, Patna-14, Bihar.Email: [drsaharoy@gmail.com](mailto:drsaharoy@gmail.com).Phone: 9239522970. **Dr. Adil Shakur**

Assistant Professor &amp; Associate Editor

Dept. of Pharmacology, IGIMS, Patna-14, Bihar.

Email: [adilshakur04@gmail.com](mailto:adilshakur04@gmail.com)Phone: 8987031883. **PATRON IN CHIEF**

Hon. Prof. (Dr.) N. R. Biswas, Director, IGIMS, Patna

**PATRON**

Prof. (Dr.) M. L. Verma, Vice Chancellor, GNS University, Sasaram

Emeritus Prof. (Dr.) R. A. Shakur, PMCH, Patna

Prof. (Dr.) R. N. Sharma, PMCH, Patna

Prof. (Dr.) Indu Sinha, NSMCH, Bihta, Patna

Prof. (Dr.) Satish Chandra, RIMS, Ranchi

Prof. (Dr.) B. L. Pandey, NMCH, Sasaram

Prof. (Dr.) Ranjana Sinha, NMCH, Sasaram

Prof. (Dr.) Rani Indira Sinha, PMCH, Patna

**ORGANIZING CHAIRMAN**

Prof. (Dr.) Harihar Dikshit, Prof. &amp; Head And I/C Dean (Academic), IGIMS, Patna

**ORGANIZING SECRETARY**

Dr. Lalit Mohan, Addl. Prof., IGIMS, Patna

**ADVISORY COMMITTEE**

Prof. (Dr.) Santanu K Tripathi, Visiting Professor, IGIMS, Patna

Prof. (Dr.) Hemant Kumar Sinha, JLNMCH, Bhagalpur

Prof. (Dr.) R. R. Prasad, DMCH, Darbhanga

Prof. (Dr.) Ashok Sharan, NSMCH, Bihta, Patna

Prof. (Dr.) Sanjay Kumar, NMCH, Patna

Prof. (Dr.) Rajiva Kumar, PMCH, Patna

Prof. (Dr.) Zaki Anwar Zaman, VIMS, Pawapuri

Prof. (Dr.) Ashok Deo, NMCH, Sasaram

Prof. (Dr.) Smita Shenoy, KMC, Manipal

Prof. (Dr.) Aman Kumar, IGIMS, Patna

Prof. (Dr.) Tarun Kumar, IGIMS, Patna

Dr. Tribhuvan Kumar, AIIMS, Patna

Dr. Pramod Kumar Manjhi, AIIMS, Patna

**TREASURER**

Dr. Keshav Kumar Sinha, PMCH, Patna

Dr. Manish Kumar, IGIMS, Patna

**CHIEF EDITOR**

Dr. Hitesh Mishra, Addl. Prof., IGIMS, Patna

**CHIEF TECHNICAL ADVISOR**

Er. Shailendra Kumar Singh, SE and Head, IGIMS, Patna

**JOINT ORGANIZING SECRETARY**

Dr. Sukalyan Saha Roy, IGIMS, Patna

**ASSOCIATE EDITOR**

Dr. Adil Shakur, IGIMS, Patna

Dr. Rajiv Kumar, IGIMS, Patna

**NATIONAL e-WORKSHOP****ON****ANIMAL HANDLING****AND****EXPERIMENTAL PHARMACOLOGY****ON****9<sup>TH</sup> FEBRUARY 2021****ORGANIZED BY:**

Department of Pharmacology

Indira Gandhi Institute of Medical Sciences

Patna-800014, Bihar.

And

Indian Pharmacological Society, Bihar Chapter

**SESSIONS****RESOURCE PERSONS****Inauguration of e-Workshop and Welcome note by Prof. (Dr.) N. R. Biswas, Director, IGIMS, Patna****Inaugural Lecture and Overview of Experimental Pharmacology****Dr. Santanu K Tripathi, Prof. & Dean, NSMC, Bihta & Visiting Professor, IGIMS****Gender identification of laboratory animals, identification of species and strain****Dr. Manoj Kumar Veterinary Surgeon, IGIMS****Handling of rodents (mice and rats), rabbits, guinea pigs****Dr. Pankaj Prabhakar Scientist- I, IGIMS****Identification of animal behavior and common signs of illness****Dr. Manoj Kumar, Veterinary Surgeon, IGIMS****Demonstration of techniques and instruments for oral feeding (gavage); and subcutaneous, intramuscular, intraperitoneal administration****Dr. Pankaj Prabhakar, Scientist- I, IGIMS****Demonstration of techniques of collection of blood from tail vein of rats, marginal ear veins of rabbit, orbital plexus of rats****Dr. Pankaj Prabhakar Scientist- I, IGIMS****Demonstration of screening of analgesic activity****Dr. Amritanshu Shekhar/Dr. Purnendu Arya, SR, IGIMS****Demonstration of screening of anti-inflammatory activity****Dr. Saajid Hameed/Dr. Pankaj Kumar, JR-3, IGIMS****Demonstration of screening of wound healing activity****Dr. Smita Shenoy, Prof. & Head, Kasturba Medical College, Manipal****Demonstration of screening of anti-anxiety activity****Dr. Lalit Mohan, Additional Professor, IGIMS/ Dr. Mukesh Kumar, JR-1, IGIMS****Demonstration of screening of anti-epileptic activity****Dr. Arun Kumar/ Dr. Nidhi Kumari, JR-2, IGIMS****Bioassay with the help of computer assisted learning (CAL)****Dr. Sukalyan S Roy, Assistant Professor, IGIMS/ Dr. Raushan K Ranjan, SR, IGIMS****Demonstration of blood pressure on anesthetized dog using computer assisted learning (CAL)****Dr. Manish Kumar, Associate Professor, IGIMS****About the institute**

Indira Gandhi Institute of Medical Sciences was established in the year 1983 as an autonomous institute under the Government of Bihar and is a Statutory University recognized by University Grants Commission. IGIMS runs on the pattern of All India Institute of Medical Sciences, New Delhi and provide superspeciality facility that covers not only Bihar but also the neighboring states. The institute houses more than 35 departments and offers MBBS, MD, MCh and DM courses. Our institution has pioneered in bench to bedside medicine by utilizing recent medical advances in terms of devices and medical research.

**E-Workshop**

Nothing so far has been discovered that can be a substitute for the complex functions of a living, breathing and whole-organ system with pulmonary and circulatory structures like those in humans. Until such a discovery, animals must continue to play a critical role in helping researchers test potential new drugs and medical treatments for effectiveness and safety, and in identifying any undesired or dangerous side effects, such as infertility, birth defects, liver damage, toxicity, or cancer-causing potential. With a shorter life cycle than humans, animal models can be studied throughout their whole life span and across several generations, a critical element in understanding how a disease processes and how it interacts with a whole, living biological system. Department of Pharmacology, IGIMS has invited eminent speakers, Dr. Santanu K Tripathi, Ex-Prof. &amp; Head, Clinical and Experimental Pharmacology, STM, Kolkata and Dr. Smita Shenoy, Prof. &amp; Head, Dept. of Pharmacology, KMC, Manipal to deliver their expert lectures on experimental pharmacology for UGs, PGs and PhD research scholar to gain knowledge on how to handle animals and understand in depth practical aspects of pharmacology.

**Click here****To DOWNLOAD REGISTRATION FORM**