

ASSOPICON – 2024

The 2024 joint international conference of the **Federation of Indian Physiological Societies (FIPS)** and the **Association of Physiologists of India (ASSOPI)** was successfully hosted by the Department of Physiology at the **All India Institute of Medical Sciences (AIIMS), Patna**, under the esteemed leadership of Director and renowned physiologist **Prof. (Dr.) G. K. Pal**. Held from **October 21st to 26th, 2024**, the event gathered **over 600 registered experts, researchers, and student delegates** to engage in dynamic discussions centered around the theme: **“Clinical and Interventional Physiology: Current and Future Scenario.”**

With the generous support of the **ICMR and DRDO conference grant**, the event emerged as a landmark in fostering collaboration, innovation, and advancement in physiological sciences. The conference featured an extensive array of activities, including **clinical workshops, CME sessions, symposia, plenary lectures**, and **scientific paper presentations**.

Pre-Conference Workshops:

The initial two days of the event hosted **ten specialized pre-conference workshops**, providing participants with practical, hands-on training and insights into cutting-edge physiological techniques and interventions. Key workshops included:

- **Autonomic Function Testing and Reporting:** Hands-on training in autonomic function tests for clinical application in health and disease.
- **Electroencephalography (EEG):** Covered EEG fundamentals, recording techniques, and data interpretation.
- **Nerve Conduction Studies (NCS):** Focused on the role of NCS in diagnosing neuromuscular disorders.
- **Yoga Therapy:** Explored the physiological benefits of yoga and its role in clinical practice.
- **Infertility Assessment and Reporting:** Provided insights into infertility diagnosis through semen analysis.
- **Deep Brain Stimulation (DBS):** Addressed neuromodulation techniques with an emphasis on movement disorders.
- **Research Paper Publication:** A detailed guide on manuscript preparation, submission processes, and publication ethics.

- **Polysomnography:** Practical training in sleep study techniques and polysomnography interpretation.

Renowned experts from AIIMS Patna and prestigious institutions across India conducted the workshops, enriching the learning experience for participants.

Continuing Medical Education (CME) Sessions:

To promote **research excellence and ethical clinical practice**, two focused CME sessions were conducted:

- **Grant Proposal Writing:** Practical exercises on drafting and submitting grant proposals to national and international funding agencies.
- **Animal Experimentation for Research:** Addressed ethical considerations, regulatory frameworks, and hands-on techniques for conducting humane animal research.

Main Conference Proceedings:

The main conference, held from **October 24th to 26th, 2024**, featured:

- **22 symposia** covering diverse domains in clinical and physiological sciences.
- **Plenary lectures** delivered by prominent national and international experts.
- **Over 140 free paper and poster presentations** by researchers and delegates.
- **Panel discussions** on emerging trends and challenges in physiology.

The conference was inaugurated by **Dr. Sanjay Behari**, Director of **Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Trivandrum**

Keynote Addresses:

A highlight of the conference was the series of keynote addresses by distinguished national and international scientists, including:

- **Dr. Sanjay Behari** – Director, SCTIMST, Trivandrum.
- **Dr. Rajesh Katare** – Director, Cardiovascular Division, University of Otago, New Zealand.
- **Dr. Geeta Jotwani** – Scientist G, Director, ICMR-DHR, New Delhi.
- **Dr. G. K. Pal** – Executive Director & CEO, AIIMS Patna
- **Dr. Latika Mohan** – Professor & Head of Physiology, AIIMS Rishikesh.
- **Dr. S. B. Deshpande** – Professor of Physiology, Nobel Medical College and Teaching Hospital, Biratnagar, Nepal.
- **Dr. Ashok Jaryal** – Professor of Physiology, AIIMS New Delhi.

The **FIPS-ASSOPICON 2024** at AIIMS Patna successfully achieved its goal of advancing knowledge exchange and skill development in physiology. The central theme, “**Clinical and Interventional Physiology: Current and Future Scenario,**” provided a comprehensive platform to discuss cutting-edge advancements and fostered meaningful dialogue on future opportunities and challenges in the field.

With robust participation and ICMR and DRDO’s support, the conference marked a significant milestone in the continued growth of physiological sciences in India.