# Activities by Indian Pharmacological Society, West Bengal Chapter (January 2022 to February 2023)

1. "Anti-arrhythmic Pharmacology" by Prof R N Chatterjee

Topic: "Anti-arrhythmic Pharmacology" Date: 15/01/2022 Mode: Virtual Participation: 442 Speaker: Prof R N Chatterjee Ex-Professor of Pharmacology. Ex Special Secretary (MES) Govt. of WB Ex-President, IPS (WB), Ex VP, All India IPS. Moderators: Prof Susanta Bandyopadhyay & Prof Santanu K Tripathi Link: https://youtu.be/oP3ZO1b-yIM

2. "Scope of Medicinal Plant Molecules for Cardiovascular Diseases" by Dr Debabrata Chanda

**Topic:** Evaluation of Potassium and Calcium Channel Modulators in Rodent Models- Scope of Medicinal Plant Molecules for Cardiovascular Diseases

Date: 23/01/2022 Mode: Virtual Participation: 163 Speaker: Dr Debabrata Chanda, Principal Scientist and Associate Professor AcSIR, Central Institute of Medicinal and Aromatic Plants (CSIR), Lucknow Chairpersons: Prof Suhrita Paul, Vice-Chancellor, The West Bengal University of Health Sciences (WBUHS) & Prof T K Mondal, President, IPS West Bengal Link: https://youtu.be/YFfflwe6Kms

3. Clinical Use of Anti-arrhythmic Drugs from Physician's Perspective

Topic: "Clinical Use of Anti-arrhythmic Drugs from Physician's Perspective" Date: 06/02/2022 Mode: Virtual Participation: 244 Speaker: Dr Sunip Banerjee, Senior Interventional Cardiologist Chairperson: Prof Lopamudra Dhar Chowdhury Link: https://youtu.be/v1jhP2pGhE4

4. Master Class in Pharmacology & Therapeutics

Topic: "Pre-Clinical Drug Development: Overview" Date: 26/02/2022 Mode: Virtual Participation: 172 Speaker: Dr Baisakhi Moharana, Scientist, Division of Pharmacology, CSIR-CDRI, Lucknow. Chairperson: Prof Swati Bhattacharyya, MD, Professor, Pharmacology, Raiganj Medical College & Hospital, West Bengal & Prof S M Naser, MD DM, Professor of Pharmacology, Calcutta National Medical College & Hospital, Kolkata. Link: https://youtu.be/E94i2vYJZfE

5. Biosimilar Development in Indian Context by Dr Viraj Suvarna

Topic: "Biosimilar Development in Indian Context" Date: 30/03/2022 Mode: Virtual Participation: 197 Speaker: Dr Viraj Suvarna, MBBS MD (Pharmacology), MSc (Pharmaceutical Medicine) VP, Head Medical Affairs, Biocon Biologics India & Emerging Markets. Chairperson: Prof Krishnangshu Ray, MBBS MD (Pharmacology) PhD (Medicine), Medical Director, Peerless Hospital, Kolkata. & Prof Santanu Munshi, MBBS MD DM (Clinical Pharmacology) Professor & Head, Department of Clinical & Experimental Pharmacology, School of Tropical Medicine, Kolkata.

Link: <u>https://youtu.be/SVtHctErGEE</u>

6. Therapeutics CME on Addison's Disease

Topic: "Therapeutics CME on Addison's Disease"
Date: 10/04/2022
Mode: Virtual
Participation: 229
Schedule:

Welcome Address by Prof T K Mondal, President, IPS West Bengal
Adrenal Disorders - Pathophysiological Considerations

Speaker: Dr Rahul Valsaraj MD DM (Endocrinology) DNB (Endo) SCE (UK), Consultant
Department of Endocrinology, VPS Lakeshore Hospital, Kochi

Addison's Disease - Early Diagnosis and Clinical Approach
Speaker: Dr Arindam Ray, MD DM (Endocrinology), Consultant Endocrinologist, Kolkata
Management of Addison's Disease
Speaker: Prof Anirban Majumdar,

MD DM (Endocrinology) FRCP FICP, Professor, Department of Endocrinology, K P C Medical College & Hospital, Kolkata

# 5. Use of Steroids in Addison's Disease: A Clinical Pharmacological Review Speaker: Dr Saibal Das,

MD DM (Clinical Pharmacology), Clinical Pharmacologist and Scientist, ICMR

# 6. Panel Discussion

# Panelists:

# Prof Nilanjan Sengupta

MD DM(Endocrinology), Professor & Head Department of Endocrinology, N R S Medical College & Hospital, Kolkata;

# Dr Madhuchanda Kar

MD PhD FICP FIAMS FIACM, Medical Oncologist, Peerless Hospital & BK Roy Research Center Kolkata, West Bengal;

**Prof Jyotirmoy Pal** MD FRCP FICP WHO Fellow, Professor, Department of Medicine, R G KAR Medical College & Hospital, Kolkata;

**Prof Avijit Hazra** MD (Pharmacology), Professor of Department of Pharmacology, Institute of Postgraduate Medical Education & Research (IPGME&R)

# Moderator:

**Dr Shambo S Samajdar**, MD DM (Clinical Pharmacology) Fellowship in Respiratory and Critical Care (WBUHS), PG Dip Endo & Diabetes (RCP)

Link: https://youtu.be/vIH7XmKDMmk

# 7. National Symposium on Hypertension Management

Topic: "National Symposium on Hypertension Management" Date: 14/05/2022 Mode: Hybrid Participation: 25 (Physical) plus 442 (Online) Schedule: Preclinical evaluation of Antihypertensive -Dr Raja L Plant Products and BP Control -**Dr Achintya Mitra** Resistant Hypertension -**Dr Abhijit Ganguly** Drug-Induced Hypertension - Management Approach Considerations -Dr Tanuka Mondal Antihypertensive Drugs and ECG Changes: A Clinical Pharmacological Review – **Dr Arkopal Banerjee** 24-hour BP Control: Choice of Right Drug -Dr Shambo S Samajdar Pharmacovigilance with Antihypertensive Therapy -**Dr Abhishek Ghosh** Adherence in Antihypertensive Therapy: A Technological Intervention -Mr Rohan Tripathi

Link: https://youtu.be/M7FMDTulmXk

8. International Clinical Trials Day CME
Topic: "International Clinical Trials Day CME"
Date: 18/05/2022
Mode: Hybrid
Participation: 122
Schedule:

Welcome Address by **Prof T K Mondal**, President, Indian Pharmacological Society, West Bengal Chapter Inaugural Speech by **Prof Suhrita Paul**, Vice Chancellor, West Bengal University of Health Sciences Speech by **Prof Debasish Bhattacharyya**, Director of Medical Education, Govt of West Bengal

Introduction to International Clinical Trials Day: Historical Perspectives – Dr Shambo S Samajdar Recruitment, Randomization & Retention of Participants - The Troubling Trio of Clinical Trials Prof Santanu K Tripathi Importance of Site Development for Enabling Research – Dr Sanis Davis Interim Analysis in Clinical Trial – Dr Pawan Singh Pragmatic Clinical Trials – Prof Usharani Pingali Comparisons of Superiority, Non-inferiority, and Equivalence Trials – Prof Avijit Hazra Valedictory Session Link: https://youtu.be/g2WigMACInY

# 9. 1st International e-Conference on Environmental Health Harmony: EnviroCon2022

**Organized by:** Indian Pharmacological Society, WB Chapter, Indian Academy of Diabetes & Inovocare e-Academy

Topic: Environmental Health Harmony Date: 05/06/22 Mode: Virtual Participation: 198 Link: <u>https://youtu.be/cTfOK5KDTOE</u> Details:

Organising Chairperson: Prof Shashank R Joshi Organising Secretary: Dr Shambo S Samajdar Patrons: Prof Suhrita Pal VC WBUHS, Prof Debasish Bhattacharyya DME WB Govt, Prof T K Mondal, Prof Susanta Bandyopadhyay, Prof Santanu K Tripathi, Prof Amal Banerjee, Prof Jyotirmoy Pal, Prof P S Karmakar, Prof Udas Ghosh Topics Covered – Unite Animal, Environment & Human Health - Prevention of Next Pandemic! - Prof Santanu K Tripathi Environment, Spirituality and Health - Swami Kripakarananda Maharaj (Dr) Caring Environment to Prevent Cardio-Metabolic Tsunami: Lessons from Ancient India - Dr Shashank R Joshi

Endocrine Disruptors - Challenges & Way out - Dr Shambo S Samajdar Pollution & Lung Health - Dr Raja Dhar Water Pollution & Infectious Diseases: Concerning Interactions - Dr Jyotirmoy Pal Sound Pollution & Hearing Loss - Dr Dwaipayan Mukherjee

Honourable Chairs of the Event - Dr Suhrita Pal, Dr Debasish Bhattacharrya, Dr T K Mondal, Dr Susanta Bandyopadhyay, Dr P S Karmakar, Dr Udas Ghosh, Dr Mrinal K Roy, Dr Amal Banerjee, Dr Nandini Chatterjee, Dr B Kalakumar, Dr Sunip Banerjee, Dr Manab Nandi, Dr H S Pathak & Dr Krishnangsu Ray

10. Food & Health Symposium

Topic: Food & Health Symposium Date: 17th June 2022 Mode: Virtual Participation: 98 Link: https://youtu.be/-OzsRy0TOP8 **Details:** Topics Covered – Welcome Address by Padmashree Prof Shashank R Joshi Xenobiotics, Food and Health: Clinical Implications by Prof G S Rao Drug-Food Interactions: What Prescriber Should Know? By Dr Ananya Mondal Food Allergy: Clinical Pearls by Dr Sowmya Nagarajan Mango and Diabetes: Controversy & Solutions by Ms Sheryl Salis Oils & Metabolic Health: Clinical Evidences by Ms Shilpa Joshi Plant Based Diet & Gut Microbiome: What Evidences Say? By Dr Shambo S Samajdar Honourable Chairs of the event: Dr T K Mondal, Dr Arunabha Ray, Dr Dinesh Kumar, Dr Santanu Guha, Dr Sukanta Sen, Dr Manab Nandi, Dr Dhriti Bramha, Dr Anjan Adhikary, Dr Apurba Mukherjee, Dr Saibal Moitra, Dr Kaushik Lahiri & Dr R N Chatterjee

### 11. Model Journal Club Presentations

Topic: Journal Club Presentations Date: 08/07/22 Mode: Virtual Participation: 648 Link: <u>https://youtu.be/k5rSnLSKpVI</u> Details:

**Journal A:** 10 Sec One-legged Stance For Survival Prediction Elderly Araujo CG, de Souza e Silva CG, Laukkanen JA, et al.Br J Sports Med doi:10.1136/ bjsports2021-105360 by Dr. Saibal Das

**Journal B:** Abrocitinib versus Placebo or Dupilumab for Atopic Dermatitis T. Bieber, E.L. Simpson, J.I. Silverberg, et al. for the JADE COMPARE Investigators N Engl J Med 2021;384:1101-12.DOI: 10.1056/NEJMoa2019380 by Dr Shambo S Samajdar

**Statistics Talk:** Basic Understanding of statistics in Journal Club with a reference to discussed journals by Dr Subhabrata Moitra

Honourable Chairs of the event: Dr Santanu K Tripathi, Dr R Raveendran, Dr Jyotirmoy Pal, Dr Sudip Ghosh

# 12. Doctor Patient Relationship

Topic: Doctor Patient Relationship Date: 19/07/22 Mode: Virtual Participation: 268 Link: https://youtu.be/T5MDA7i3ChE Details: CME event on "Doctor Patient Relationship", on the occasion of National Doctors' Day 2022 in India in the honour of Dr Bidhan Chandra Roy. Speakers: Prof Apurba Mukherjee, Ex Prof & Head, Dept of General Medicine, RGKMC&H, Kolkata Prof Nilanjan Sengupta, Sr. Consultant Endocrinologist, Prof & Head, Dept. of Endocrinology, NRSMC&H, Kolkata

Swami Kripakarananda Ji Maharaj (Dr), Monk, Ramkrishna Mission Prof Jyotirmoy Pal, Prof of Medicine, RGKMC&H, Kolkata Prof Santanu Kumar Tripathi, Sr Clinical Pharmacologist & Dean, NSMC&H, Patna Dr Shambo Samrat Samajdar, General Secretary, Indian Pharmacological Society, WB Chapter Prof T K Mondal, President, Indian Pharmacological Society, West Bengal Chapter

# 13. Pharmacology & Patient Safety

Topic: Pharmacology & Patient Safety Date: 28/07/22 Mode: Virtual Participation: 167 Link: https://youtu.be/1Kur02yfkIE Details: Clinical Pharmacology in Critical Care: As a specialty service by Dr Chiranjib Bagchi Evolving Role of Pharmacologists in Hospital Accreditation by Dr Subhrojyoti Bhowmick Medication Safety: Integrating all Stakeholders by Ms Shatavisa Mukherjee Honourable Chairs of the event: Dr S M Naser, Dr P Mondal, Dr Subhas Mondal, Dr Krishnangsu Ray, Dr Sharmila Nath

14. Maharshi Charak Jayanti Mahotsav Celebration by IPS, WB

Topic: Research in Ayurveda Date: 12/08/22 Collaboration with Indian Society of Clinical Research, East Zone Mode: Virtual Participation: 98 Link: https://youtu.be/3jXSfVui8tQ Details: Phytopharmaceutical Development Regulations in India by Dr Shoibal Mukherjee Safety Monitoring Studies in Ayurveda by Dr Achintya Mitra Research Gaps in Ayurveda: Challenges & Solutions by Dr Parikshit Debnath Honourable Chairs of the event: Dr Urmila Thatte, Dr Santanu K Tripathi, Dr Avijit Hazra, Dr Subhrajyoti Bhowmick, Dr Trupti Swain, Dr Sandip Mukhopadhyay

### 15. Maharshi Charak Jayanti Mahotsav Celebration CME

Date: 15/08/2022 Mode: Virtual Participation: 152 Link: https://youtu.be/3jXSfVui8tQ Details: Keynote Address - Dr Shivprakash Rathnam Special Address - Dr R N Acharya, Director, Central Council for Research in Ayurveda and Siddha (CCRAS), Govt of India Importance of Surya Namaskaram in Prevention of Metabolic Disorders: Lessons from Charak to Hall, Rosbach & Young - Dr Shambo S Samajdar The Relevance of Principle of Treatment in Charaka Samhita in the Present Era - Prof Abichal Chattopadhyay Ayurveda— Translational approaches towards validation as sustainable healthcare practices - Dr. Sonali Mukherjee Safety and Efficacy of Ayurveda therapy in the Plaque Psoriasis - Dr Achintya Mitra Honourable Chairs of the event: Dr Santanu K Tripathi, Dr P C Tripathi, Dr Tuhin Biswas, Dr Anjan Adhikary, Dr Susanta Bandyopadhyay, Dr Anjan Adhikary, Dr Swanand Pathak and Dr Lopamudra Dhar Chowdhury

16. Online Symposium: "Advances in Drug Development"

In association with Indian Society of Clinical Research (ISCR) East Zone

Topic: Advances in Drug Development Date: 30/08/22 Mode: Virtual Participation: 138 Link: https://youtu.be/iC7mN-h-uzc

#### **Details:**

Welcome Address by Dr Tapan K Mondal & Dr Shambo S Samajdar Keynote Address by Dr Sanis Davis Special Address by Dr Subhrojyoti Bhowmick, Chair, ISCR, East Bioinformatics - Applications in Drug Discovery and Development by Dr Anup Rawool PB-PK Modelling in Drug Developmental Research by Dr Sandhiya Selvarajan Honourable Program Chairs: Dr Samira Malhotra, Dr Usharani Pingali, Dr Urmila Thatte, Dr Shoibal Mukherjee

17. CME on Drug Treatment in Diabetes and Patient Safety

Date: 18.09.2022 Mode: Physical Participation: 42 Link: NA

# **Details:**

Pharmacovigilance in Diabetics-Dr Ananya Mandal Fixed Dose Combinations of SGLT2I and DPP4I in Diabetes Management - Analysing Benefits versus Risks-Dr Shambo S Samajdar Treating Type 2 Diabetes - Balancing Glycemic Control and Patient Safety-Dr Sujoy Ghosh Medicine Use and Patient Safety with Reference to Diabetes Management- Dr Santanu K Tripathi Demonstration of Autonomic Neuro-Integrity Assessment in Diabetics – Need for Inclusion in Diabetes Management Protocol Program Chairs: Dr Nina Das, Dr Susanta Bandyopadhyay, Dr Manab Nandi, Dr Satinath

Mukherjee, Dr Amal Banerjee, Dr Jyotirmoy Pal, Dr Ananda Bagchi, Dr Tapas Bandyopadhyay & Dr Suhrita Pal

# 18. CME on Pharmacovigilance & Drug Safety

Topic: CME on Pharmacovigilance & Drug Safety Date: 20/09/22 Mode: Physical Venue: R G Kar Medical College & Hospital, Kolkata Participation: 58 Link: NA Details: Pharmacovigilance an Overview by Prof Suhrita Paul Adverse events of special interest following Covid Vaccination by Prof Suparna Chatterjee Pain Management & Drug Safety by Prof Dipasri Bhattacharya Prescription Reconciliation for Patient safety by Dr Sabnam Ara Begum Safe Prescribing in Hepatic Dysfunction by Dr Arunava Biswas Drug Rash: Diagnostic Approach by Prof Sudip Ghosh Safe Anti-diabetes Agent Prescribing in Chronic Renal Disease by Dr Shambo S Samajdar Preclinical Animal Toxicity Studies in New Drug Dev: Ensuring patient safety by Dr Raja L

#### 19. Medication Safety in Elderly Patients

With ICMR CAM, Kolkata Venue: ICMR-CAM, Kolkata Date: 23.09.2022 Mode: Physical Participants: 76 Program:

One-day Symposium on "Medication Safety in Elderly Patients" Jointly organized by ICMR-Centre for Ageing and Mental Health, Kolkata and the Indian Pharmacological Society (WB Chapter) The World Health Organization observes 17th September as World Patient Safety Day. The theme for World Patient Safety Day 2022 is "Medication Safety". The theme builds on the ongoing WHO Global Patient Safety Challenge: "Medication Without Harm". Unsafe medication practices and medication errors are leading causes of avoidable harm in healthcare across the world. Medication errors occur when weak medication systems and human factors, such as fatigue, poor environmental conditions, or staff shortages affect prescribing, transcribing, dispensing, administration, and monitoring practices. This can result in severe patient harm, disability, and even death. Elderly patients (≥60 years of age) are susceptible to medication-related harm because of various factors. Improving the quality of medication use and medication safety are important priorities for prescribers who care for elderly patients. To observe the World Patient Safety Day 2022, ICMR-Centre for Ageing and Mental Health, Kolkata in association with the Indian Pharmacological Society (WB Chapter) will conduct a One-day Symposium on Medication Safety in Elderly Patients on 23 September 2022 at ICMR-Centre for Ageing and Mental Health, Kolkata. This symposium aims to provide a much-needed impetus to take urgent action for reducing medication-related harm through strengthening systems and practices of medication use in the Indian context.

The themes are:

- 1. Pharmacological perspectives of drug prescribing in elderly patients
- 2. Clinical considerations during drug prescribing in elderly patients
- 3. Research on drug utilization among elderly patients

# Patrons:

- 1. Dr. Suhrita Pal, VC, The West Bengal University of Health Sciences
- 2. Dr. Samiran Panda, AS Paintal Distinguished Chair & Ex Addl. DG, ICMR
- 3. Dr. Nabendu Chatterjee, Head BMS Div., ICMR
- 4. Dr. Arun Sharma, DIC-ICMR-CAM, Kolkata
- 5. Dr. Amit Chakrabarti, OIC-ICMR-CAM, Kolkata
- 6. Dr. TK Mondal, President, IPS (WB Chapter)

Title: One-day Symposium on Medication Safety in Elderly Patients Date: 23 September 2022 (Friday) Time: 10 am to 5 pm Organizers: ICMR-CAM, and Indian Pharmacological Society (WB Chapter) Venue: ICMR-Centre for Ageing and Mental Health, Salt Lake, Kolkata: 700 091

Mode: Physical (offline)

12 lectures given - by Dr Krishnangsu Ray, Dr Binu Susan Mathew, Dr Saibal Das, Dr Jyotirmoy Pal, Dr Shambo S Samajdar, Dr Santanu K Tripathi, Dr A Talukdar, Dr S Bhowmick, Dr. Sandhiya Selvarajan, Dr Cecilia Stålsby, Dr Madhumita Dubey, Dr J Cherian and Dr Amit Chakrabarty

20. Symposium on Respiratory Therapeutics & Clinical Pharmacology
Date: 18.10.2022
Venue: Hotel Peerless Inn, Kolkata
Mode: Physical
Participation: 46
Link: NA
Details: 4 topics had been - PK study with Respiratory Drugs, Basics of Spirometry interpretation, Acid Base Balance in Critical Care, FDC of indecaterol plus mometasone in airway inflammation
Speakers: Dr Saibal Das, Dr Santanu K Tripathi, Dr Shambo S Samajdar, Dr Debraj Jash & Dr Arup Haldar

Honourable Chairs: Dr T K Mondal, Dr Samudra Goopta, Dr Sabnam Ara Begum, Dr Saibal Moitra

21. Webinar on Clinical Research

With collaboration of Indian Society of Clinical Research (ISCR) East Zone and Association of Clinical Pharmacologist in India (ACPI)

Topic: Introduction to Systematic Review and Meta-analysis (SRMA) Speaker: Dr Sumalya Sen Chairpersons: Dr Melvin George & Dr Smita Pattanayek Mode: Online Participants: 134 Link: https://youtu.be/-7A3YIM28yE

### Public Camp:

1. Indian Pharmacological Society, West Bengal Chapter in association with East Bengal Club Kolkata, Association of Physicians of India, West Bengal, Rotary Club of Behala, and Inovocare Healthsoft Solutions organized a Complimentary Health Check Camp at Nabapally Jagriti Sangha Club, Baguiati, Kolkata-700059 on the 31st of July, Sunday, 10 am onwards.

Date: 31st July, Sunday Time: 10 am onwards

#### **Complimentary Services Provided-**

- 1. General Check-up for all
- 2. Obesity screening
- 3. Sugar Check
- 4. BP, Pulse monitor
- 5. Dietary Counselling
- 6. Psychological assessment and counselling
- 7. Clinical Pharmacological Reconciliation
- 8. ECG monitoring
- 9. Peripheral neuropathy screening
- 10. Hb% testing and blood grouping
- 11. Stool for OPC

12. Lung function testing

This extensive event, which had a footfall of 200 plus, was organized and executed keeping in mind the great words of the father of the nation, Mahatma Gandhi, "The greatness of humanity is not in being human, but in being humane."

2. World Diabetes Day observed on 14th November, 2022

Topic: World Diabetes Day Walkathon Date: 14/11/22 Participation: Physical

#### Details:

Indian Pharmacological Society, West Bengal Branch, Inovocare Healthsoft Solutions and Members of East Bengal Club had organised an awareness Walkathon on World Diabetes Day to promote the importance of lifestyle modifications in prevention of diabetes and related complications. We had walked to promote awareness on lifestyle modifications to fight against the metabolic syndrome pandemic. Millions of people with diabetes around the world do not have access to diabetes care. During our walkathon we had monitored blood pressure and random sugar with glucometer to increase awareness. Around 60 volunteers had joined today's walkathon.

3. A programme had been scheduled on 20th November, 2022 at 4 P.M. at the orphanage of Shree Gauranga Gaudiya Mission Sevashram at Muragacha Payarabagan, Jugberia where we had handed over the blankets and a Godrej Refrigerator among under privileged orphan girl children (about 60 nos.) with our love and affection.

We acknowledge the technical support provided by Inovocare Healthsoft Solutions during our online and offline programs.