



# ISE SFEC-2023



## International Bioresource Conclave & Ethnopharmacology Congress

# 22<sup>nd</sup> International Congress of International Society for Ethnopharmacology & 10<sup>th</sup> International Congress of Society for Ethnopharmacology

**Theme: "Reimagine Ethnopharmacology: Globalization of Traditional Medicine"**

**February 24-26, 2023**

*Jointly organized by*



**Institute of Bioresources & Sustainable Development  
Takyelpat, Imphal, Manipur, India  
[www.ibsd.gov.in](http://www.ibsd.gov.in)**



**Society for Ethnopharmacology  
Shaktigarh, Jadavpur, Kolkata, India  
[www.ethnopharmacology.in](http://www.ethnopharmacology.in)**

**Venue: City Convention Centre,  
Imphal, Manipur, India**

**[www.isesfec2023.in](http://www.isesfec2023.in)**



**[www.ibsd.gov.in](http://www.ibsd.gov.in)**



## International Bioresource Conclave & Ethnopharmacology Congress

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Reimagine Ethnopharmacology: Globalization of Traditional Medicine

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Jointly organized by

**INSTITUTE OF BIORESOURCES AND SUSTAINABLE DEVELOPMENT**  
Department of Biotechnology, Ministry of Science Technology, Government of India  
Takyelpat, Imphal, Manipur, India  
[www.ibsd.gov.in](http://www.ibsd.gov.in)

**Society for Ethnopharmacology**  
Affiliated to: International Society for Ethnopharmacology, Switzerland  
Shaktigarh, Jadavpur, Kolkata, India  
[www.ethnopharmacology.in](http://www.ethnopharmacology.in)

Venue: City Convention Centre, Imphal, Manipur, India

### PROGRAM SCHEDULE

REGISTRATION: 08:30 – 10:00 AM

**Day 1: Friday: February 24, 2023**

Venue: City Convention Centre, Imphal, Manipur, India

**INAUGURATION OF ISESFEC 2023 Congress at Mail Auditorium of City Convention Centre, Imphal, Manipur, India: 10:00 AM - 11:30 AM**

**Dr. Rajkumar Ranjan Singh**, Hon'ble, Minister of State, Ministry of External Affairs and Education, Govt. of India

**Shri. Th. Biswajit Singh**, Hon'ble Minister of Environment, Forest and Climate Change and Power, Agriculture, Science & Technology, Govt. of Manipur, India

**Shri. Leishemba Sanajaoba**, Hon'ble Member of Parliament, Rajya Sabha, Govt. of India

**Dr. Rajesh S Gokhale**, Secretary, Department of Biotechnology, Ministry of Science & Technology, Govt. of India

**Shri. Sekhar Dutt**, Former Governor of Chhattisgarh, India & Former Secretary, Ministry of Defence; Ministry of AYUSH, Govt. of India

**Prof. Gunter Vollmer**, President, ISE, Emeritus Professor, Faculty of Biology, Dresden University of Technology, Germany

**Shri. Birendra K. Sarkar**, President, Society for Ethnopharmacology, India, Kolkata

**Prof. Marco Leonti**, Secretary, ISE & Dept of Biomedical Sciences, University of Cagliari, Italy

**Dr. C. K. Katiyar**, Vice President, Society for Ethnopharmacology, Kolkata, India

**Mr. Indraneel Das**, Vice President, Society for Ethnopharmacology, Kolkata, India

**Dr. Subhash C Mandal**, Secretary, Society for Ethnopharmacology, India, Kolkata.

**Dr. Nanaocha Sharma**, Organizing Secretary, ISESFEC 2023 & Scientist, Institute of Bioresources & Sustainable Development, Imphal, India

**Prof. Pulok K Mukherjee**, Chairman, ISESFEC 2023 & Director, Institute of Bioresources & Sustainable Development, Imphal, India

## HALL - 1 (SHIRUI): KEYNOTE SESSION I: 11:30 AM - 01:00 PM

### “Ethnopharmacology and Drug Discovery – Paradigm Shift”

#### Chairpersons:

**Prof. N Raj Mohan Singh**, Vice Chancellor, DM University, Manipur, India

**Dr. C. K. Katiyar**, Vice President, SFE India &  
CEO Health Care (Technical), Emami Ltd., Kolkata

Speaker	Title
<b>About the Congress:</b>	
<b>Prof. Pulok K Mukherjee</b> Chairman, ISESFEC 2023 & Director, Institute of Bioresources & Sustainable Development, Imphal, India	“Reimagine Ethnopharmacology: Globalization of Traditional Medicines”
<b>Prof. S K Sopory</b> SERB Distinguished Fellow DST, Govt. of India and Senior Emeritus Scientist, ICGEB, New Delhi	Melatonin: The dual role in Human Health and Plant Biology
<b>Prof. Thomas Efferth</b> Professor Johannes Gutenberg University, Institute of Pharmaceutical and Biomedical Sciences, Mainz, Germany	“Individual natural product-based treatment of multi-drug resistant tumors based on RNA sequencing”
<b>Prof. Alvaro M Viljoen</b> Department of Pharmaceutical Sciences Tshwane University of Technology Pretoria, South Africa	“Compiling the first South African Herbal Pharmacopoeia – an important step in the globalisation of South African medicinal plants”

## LUNCH 01:00 PM - 02:00 PM

## HALL – 1 (SHIRUI): PLENARY SESSION I: 02:00 PM - 03:30 PM

### “Exploring Bioresources for Development of therapeutics”

#### Chairpersons:

**Dr. Subhra Chakraborty**, Director, National Institute of Plant Genome research, New Delhi, India

**Dr. N C Talukdar**, Vice Chancellor, Assam Down Town University, Assam, India

Speaker	Title
<b>Prof. Domenico Delfino</b> Professor Dipartimento di Medicina Chirurgia Sezione di Farmacologia Università degli Studi di Perugia, Italy	“Ethnopharmacology of Endophytic Fungi”
<b>Dr. U V Babu</b> Head- R&D Himalaya Wellness Company Bangalore, India	“Taking traditional medicine to global markets – The Opportunities & Challenges”
<b>Dr. Caroline Weckerle</b> Institute of Systematic and Evolutionary Botany University of Zurich, Switzerland	“Patterns of medicinal plant use in Middle Europe: Analysis of use trends of 102 taxa over the last 2000 years”

**Prof. Ashwani Pareek**  
Executive Director  
National Agri-Food Biotechnology Institute  
(NABI), Mohali, India

“Food and nutritional security ahead: new challenges and opportunities”

## HALL – 1 (SHIRUI): PLENARY SESSION II: 03:30 PM - 05:00 PM

### “Ethnopharmacology inspired Drug Development – Global Scenario”

**Chairpersons:**

**Dr. Subhash C Mandal**, Secretary, Society for Ethnopharmacology, Kolkata, India

**Dr. Shantibala Devi**, Professor Emeritus, Manipur University, Manipur, India

Speaker	Title
<b>Dr. Arvind Saklani</b> Vice President Sami-Sabinsa Group Ltd. Bengaluru, India	“Contribution of Sami-Sabinsa Group in Establishing and Growth of Nutraceutical”
<b>Dr. Motlalepula G Matsabisa</b> Professor, Department of Pharmacology University of the Free State, Bloemfontein, SA	“The Challenges of Traditional Medicine Development for COVID-19 into Clinical Use – Case Study of PHELA, an African Traditional Medicine based Product”
<b>Prof. Mrinal Kanti Bhattacharyya</b> Professor, Department of Biochemistry University of Hyderabad Hyderabad, India	“Anti-malarial drug discovery: top-down or bottom-up approach or a combination of both?”
<b>Dr. Sanjay Kumar</b> Director CSIR- Institute of Himalayan Bioresource Technology, Palampur, HP, India	“Management and Sustained Utilization of Himalayan Bioresources”

## HALL - 2 (GINGER): PLENARY SESSION III: 02:00 PM - 03:30 PM

### “Challenges for development of Traditional Medicine in the 21st Century”

**Chairpersons:**

**Prof. Krishnan Baskar**, Director, IIIT Senapati, Manipur, India

**Dr. Ramesh Chandra Uniyal**, Head, Emami Ltd., Kolkata, India

Speaker	Title
<b>Prof. Yuan Shiun Chang</b> Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources China Medical University, Taiwan	“Taiwan Herbal Pharmacopeia and Quality Control of TCM Herbs and Herbal Preparations in Taiwan”
<b>Prof. Rajib Bandyopadhyay</b> Professor Dept. of Instrumentation Engg., Jadavpur University, Kolkata	“NIR and Raman Spectroscopy for rapid and non-invasive quality assessment of Medicinal Plants”
<b>Prof. Rudolf Bauer</b> Professor Institute of Pharmaceutical Sciences Dept. of Pharmacognosy Karl-Franzens-Universität Graz, Austria	“Metabolic and pharmacological profiling of the TCM formula Hanshiyi used for the treatment of COVID-19”

**Dr. Sunanda Bhattacharyya**

Professor  
Institute of Life Sciences,  
Hyderabad University  
Telengana, India

“Development of a high-throughput assay system for screening phytochemicals against plasmodium topoisomerase vi: a novel anti-malarial target

**HALL - 2 (GINGER): Panel Discussion: “Publication Ethics”:  
03:30 PM - 05:00 PM**

**Panellist**

<b>Prof. Alvaro M. Viljoen</b> Editor, Journal of Ethnopharmacology	<b>Prof. Bhushan Patwardhan</b> Editor, Journal of Ayurveda & Integrative Medicine
<b>Prof. Michael Heinrich</b> Editor, Frontiers in Pharmacology	<b>Dr. Tapan K Mukherjee</b> Former Editor, NISCAIR-IJTK
<b>Prof. Satyajit D Sarkar</b> Editor, Phytochemical analysis	<b>Prof. Thomas Efferth</b> Editor, Phytomedicine
<b>Dr. C K Katiyar,</b> Guest Editor, Journal of Ethnopharmacology	<b>Prof. Jacobus Nicolaas Eloff</b> Former Editor, South African Journal of Botany
<b>Prof. Marco Leonti</b> Associate Editor, Journal of Ethnopharmacology	<b>Prof. Alexander Shikov</b> Associate Editor, Journal of Ethnopharmacology
<b>Dr. Gudrun Ulrich-Merzenich</b> Editor, Synergy	<b>Dr. Dominico Delfino</b> Associate Guest Editor, Frontiers in Pharmacology
<b>Prof. Pulok K Mukherjee</b> Consulting Editor, Pharmacological Research	<b>Dr. Milen Georgiev</b> Associate Editor, Phytomedicine

**HALL - 3 (SANGAI): PLENARY SESSION IV: 02:00 PM - 03:30 PM**

**“Metabolomics for Quality assessment and validation of botanicals”**

**Chairpersons:**

**Dr. Tapan K Mukherjee,** *Former Scientist, CSIR-NISCAIR, New Delhi, India*

**Dr. Sneh Lata Pareek,** *Group Leader, ICGEB, New Delhi, India*

<b>Speaker</b>	<b>Title</b>
<b>Prof. Sitesh C Bachar</b> Professor Department of Pharmacy University of Dhaka, Bangladesh	<b>“Export Potentiality of Bangladeshi Medicinal Plants: The Present Status”</b>
<b>Dr Prakash N S</b> Principal Scientist, Analytical Development Himalaya Wellness Company Bangalore, India	<b>“Parallel Approach for Mitigation of Metal Contaminants in Herbal Products-Industrial Perspective”</b>
<b>Dr. Snehasikta Swarnakar</b> Scientist CSIR-Indian Institute of Chemical Biology Kolkata, India	<b>“Protection against gastric inflammation by herbal treatment via metalloprotease inhibition”</b>

**Prof. Robert Verpoorte**  
Professor Emeritus  
University of Leiden  
Leiden, Netherlands

“Learn from Nature, learn from our ancestors”

### HALL - 3 (SANGAI): PLENARY SESSION V: 03:30 PM - 05:00 PM

“Ethnomedicine: An invaluable source of novel drug”

**Chairpersons:**

**Dr. Arun Kumar Sarma**, Director General-NECTAR, New Delhi, India

**Dr Harjeet Singh**, Research Officer, CCRAS, New Delhi, India

Speaker	Title
<b>Dr. Debprasad Chattopadhyay</b> Former Director ICMR- National Institute of Traditional Medicine, Belgavi, India	“Breaking the Barrier: Antimicrobial Resistance and Phytoantimicrobials”
<b>Dr. Robindra Teron</b> Director North Eastern Institute of Ayurveda & Folk Medicine Research, Arunachal Pradesh, India	“Folk Medicine: Unexplored healing traditions of national importance”
<b>Dr. Sib Sankar Roy</b> Scientist CSIR-Indian Institute of Chemical Biology Jadavpur, Kolkata, India	“Metabolic Reprogramming in Tumor Cell: Modulation of Metabolic Pathway as a Promising Therapeutic Strategy”
<b>Prof. Rainer W. Bussmann</b> Department of Ethnobotany, Institute of Botany, Ilia State University Tbilisi, Georgia	Quo vadis Ethnopharmacology?

### HALL - 4 (NAKUPI): PLENARY SESSION VI: 02:00 PM - 03:30 PM

“Therapeutic validation of Herbal Medicine”

**Chairpersons:**

**Dr. Siva Ramamoorthy**, Professor, Vellore Institute of Technology, India

**Dr. S Indira Devi**, Scientist, IBSD, Imphal, India

Speaker	Title
<b>Dr. Ancuta Raclariu-Manolica</b> Natural History Museum University of Oslo Oslo, Norway	“DNA barcoding and metabarcoding of herbal medicines”
<b>Dr. Patrícia Rijo</b> Associate Professor Universidade Lusófona Lisboa, Portugal	“Plectranthus: from traditional medicine to building blocks for Drug Delivery Platforms”
<b>Dr. Bob Allkin</b> Program Manager The Royal Botanic Gardens, Kew, United Kingdom	“Ensuring Scientific Integrity of Ethnopharmacological Research: getting the basics right”

**Dr. Roodabeh Bahramsoltani**

Vice Dean of International Affairs, School of Persian Medicine  
Tehran University of Medical Sciences,  
Tehran, Iran

“Evidence-based Persian Medicine”

**Hall - 4 (NAKUPI): PLENARY SESSION VII: 03:30 PM - 05:00 PM**

**“Revitalization of Traditional Medicine: Global Scenario”**

**Chairpersons:**

**Dr. Sayeed Ahmed**, Professor, JAMIA HAMDARD, New Delhi, India

**Dr K. Jeyaram**, Scientist-E, IBSD, Imphal, India

Speaker	Title
<b>Dr. Anastasia Karioti</b> Assistant Professor, School of Pharmacy Aristotle University of Thessaloniki, Greece	“Origanum dictamnus: HPLC-PDA-MS profile of the infusion, its relaxing effect on rabbit intestine and electrospun nanofibers”
<b>Dr. Guillermo Schmeda Hirschmann</b> Institute of Natural Resources Chemistry University of Talca Talca, Chile	“Assay-guided isolation allowed identification of $\alpha$ -glucosidase inhibitors in the leaves and a series of flavonoids and saponins in the seeds of Chilean bean ( <i>Phaseolus vulgaris</i> L.) landraces”
<b>Dr. Mukhlesur Rahman</b> Associate Professor School of Health, Sports and Bioscience University of East London London, UK	“How natural products could contribute to tackle the global challenges of antimicrobial resistance (AMR)”
<b>Dr. K. Charles S Vairappan</b> Institute for Tropical Biology and Conservation Universiti Maylaysia Sabah, Malaysia	“Metabolomic profiling and bio-medical potentials of essential oils of bornean curcuma”

**POSTER HALL(1<sup>st</sup> Floor):**

**POSTER PRESENTATION SESSION I:**

**03:00 PM - 05:00 PM**

**SFE ANNUAL GENERAL BODY MEETING:**

**05:00 PM – 06:00 PM**

**CULTURAL PROGRAMME:**

**06:30 PM - 07:30 PM**

(Hotel Imphal, Imphal, India)

**CONFERENCE DINNER:**

**07:30 PM - 08:30 PM**

(Hotel Imphal, Imphal, India)

**Day 2: Saturday: February 25, 2023**  
**Venue: City Convention Centre, Imphal, Manipur, India**

**HALL – 1 (SHIRUI): KEYNOTE SESSION II: 09:00 AM - 10:30 AM**

**“Globalization of Traditional: Future Perspectives”**

**Chairpersons:**

**Dr. L. Menaketan Singh**, Director, Manipur Science and Technology Council, Manipur, India

**Dr. Caroline Weckerle**, *Institute of Systematic and Evolutionary Botany, University of Zurich, Switzerland*

Speaker	Title
<b>Prof. Gunter Vollmer</b> Professor Emeritus, Faculty of Biology Dresden University of Technology Dresden, Germany	<b>“Reflections on metabolism if taking research from cell based in vitro models into in vivo experimental animal models”</b>
<b>Dr. K. Thangaraj</b> Director Centre for DNA Fingerprinting and Diagnostics, Hyderabad, India	<b>“Population genomics and public health”</b>
<b>Prof. Satyajit D. Sarker</b> Director School of Pharmacy and Biomolecular Sciences, Liverpool John Moores University Liverpool, United Kingdom	<b>“Chemopreventive Natural Products: One of the Key Research Areas at the Centre for Natural Products Discovery”</b>

**HALL -1 (SHIRUI): Plenary Session VIII: 10:30 AM - 12:45 PM**

**“Bioprospecting of Natural resources – Management of Liver health”**

**Chairpersons:**

**Dr. U V Babu**, *Head- R&D, Himalaya Wellness Company, Bangalore, India*

**Prof. Rajib Bandyopadhyay**, *Professor, Dept. of Inst. Engg, Jadavpur University, Kolkata, India*

Speaker	Title
<b>Prof. Marco Leonti</b> Professor Department of Biomedical Sciences, University of Cagliari, Italy	<b>“Medicines and Foods - Tastes and Uses”</b>
<b>Dr. Karam Romeo Singh</b> Regional Institute of Medical Science (RIMS), Imphal, Manipur	<b>“Liver Health (Hepatitis) : Beyond Boundaries”</b>
<b>Prof. D K Mitra</b> Professor All India Institute of Medical Sciences (AIIMS) New Delhi	<b>“Enhancing host immunity through inhibition of Immune checkpoint inhibitors: Scope of plant derived molecules”</b>
<b>Prof. Ashis K. Mukherjee</b> Director, Institute of Advanced Study in Science and Technology (IASST) Guwahati, India	<b>“Therapeutic Application of Plant-derived Natural Products as Antithrombotic Drugs: Key issues and Challenges”</b>



**Dr Sandeep Ojha**  
Director Heyan Healthcare LLP.  
JAYYUSH HOSPITAL  
Ghatlodia, Gujarat

**“Liver Health (MAFLD) : Tradition to Translation”**

**Dr. Arun Bandyopadhyay,**  
Director  
CSIR-Indian Institute of Chemical Biology,  
(CSIR-IICB), Kolkata

**Pharmacological inhibition of human neutrophil elastase by standardized *Sonneretia apetala* Buch.-Ham. fruit extract”**

**LUNCH: 12:45 PM – 01:30 PM**

**HALL -1 (SHIRUI): SPECIAL PROGRAM:  
01:30 PM - 03:30 PM**

**SFE-ANNUAL AWARD CEREMONY**

**i-Connect program: Business Meet**

**Chief Guest:**

**Dr. Jitendra Singh,** *Hon'ble Union Minister of State (Independent Charge) of the Ministry of Science & Technology, Ministry of Earth Sciences, Union Minister of State in the Prime Minister's Office, Ministry of Personnel, Public Grievances & Pensions, Minister of State in the Department of Atomic Energy and Department of Space, Govt. of India*

**Guest of Honour:**

**Dr. Rajkumar Ranjan Singh,** *Hon'ble, Minister of State, Ministry of External Affairs and Education, Govt. of India*

**Guest of Honour:**

**Dr. Rajesh S. Gokhale,** *Secretary, Department of Biotechnology, Ministry of Science and Technology, Govt. of India, New Delhi*

Inauguration of Industry-Connect (i-connect) Programme, Inauguration of Centre for outreach activities, Student Hostel, release of book “Pictorial Check List of Plants of Manipur” developed by IBSD, Imphal and BSI, Kolkata

Welcome Address by Prof. Pulok K Mukherjee, Chairman, ISESFEC 2023 & Director, IBSD, Imphal, Manipur, India

Address by Dr. Rajesh S. Gokhale, Secretary, Department of Biotechnology, Ministry of Science and Technology, Govt. of India, New Delhi

Dr. Rajkumar Ranjan Singh, Hon'ble, Minister of State, Ministry of External Affairs and Education, Govt. of India

Address by Prof. Marco Leonti, Secretary, ISE & Professor, Department of Biomedical Sciences, University of Cagliari, Italy

Annual Award Ceremony of the Society for Ethnopharmacology – conducted by Shri. Indraneel Das, Vice President, Society for Ethnopharmacology, Kolkata, India

Address by Dr. Jitendra Singh, Hon'ble Minister of State (IC), Ministry of Science & Technology and Earth Sciences.

Address by Dr. C K Katiyar, Vice President, Society for Ethnopharmacology, Kolkata, India

Vote of thanks by Dr. Subhash C Mandal, Secretary, Society for Ethnopharmacology, Kolkata, India

Visit to Exhibition Hall, Poster Presentations.

**i-Connect program:  
03:30 PM – 05:30 PM**

**“Bioeconomy from Bioresources - Development of Entrepreneurship”**

**Chairpersons:**

**Dr Thangjam Dhabali Singh**, MD, BABINA Healthcare and Hospitality Industries Pvt Ltd, Manipur, India  
**Dr. C. K. Katiyar**, CEO Health Care (Technical), Emami Ltd., Kolkata

**Panellist**

<b>Dr. Arvind Saklani</b> Vice President Sami-Sabinsa Group Ltd., Bengaluru, India	<b>Dr. Lal Hingorani</b> , Director, Pharmanza India Pvt Ltd., Gujarat, India
<b>Dr. Manish Diwan</b> DGM & HoD – SPED, BIRAC, New Delhi	<b>Shri. Indraneel Das</b> MD, Declibac Technologies. Pvt. Ltd. Kolkata
<b>Dr. U V Babu</b> Head, The Himalaya Drug Company Bangalore, India	<b>Shri. B K Sarkar</b> CEO, Parker Robinson Pvt. Ltd. Kolkata
<b>Dr. Madhu Dikshit</b> Former Director, CDRI, Lucknow.	<b>Ms. Eli Chaoba</b> Founder, Dweller Imphal, India
<b>Shri. Shibashis Sarkar</b> Chief Operating Officer, Ramy Group, Bangladesh	<b>Dr Arun Gupta</b> Managing Director, Ayuswasth Ltd. Faridabad, India
<b>Dr. Mrutyunjay Suar</b> Professor & Head R&D KIIT, Bhubaneswar, India	<b>Ms. Bijiyashanti Tongbram</b> Managing Director, Lotus Fibre Textiles Imphal, India
<b>Dr. Sainam Yoirentomba</b> Deputy Director, MSME Technology Centre Manipur, India	<b>Mr. Kartikeya Baldwa</b> CEO, Ixoreal Biomed. Inc, Hyderabad, India
<b>Prof. Marco Leonti</b> , Secretary, ISE & Professor, Department of Biomedical Sciences, University of Cagliari, Italy	<b>Prof. Pulok K Mukherjee</b> Chairman, ISESFEC 2023 & Director, Institute of Bioresources & Sustainable Development, Imphal
<b>Dr. Nanaocha Sharma</b> , Organizing Secretary, ISESFEC 2023 & Scientist, IBSD, Imphal	<b>Dr. T V Narayana</b> President Indian Pharmaceutical Association, Mumbai

**HALL -2 (GINGER): Plenary Session IX: 03:30 PM - 06:00 PM**

**“Reimagine Ethnopharmacology: Herbs in One Health”**

**Chairpersons:**

**Smt. Homila Hongrei**, Director, Department of Science and Technology, Manipur, India  
**Dr. Sanjoy Gopal Sarkar**, Jt. Registrar, Jadavpur University, Kolkata  
**Dr. Preeti Kothiyal**, Vice Chancellor, DBUU, Dehradun, India

<b>Speaker</b>	<b>Title</b>
<b>Dr. T. Senthil Kumar</b> Professor SRM Medical College Hospital & Research Centre, Chennai, India	<b>“Role of Phytotherapy in Urolithiasis: Overview and clinical perspective of use of herbs.”</b>
<b>Prof. Hung-Rong Yen</b> Professor, China Medical University & China Medical University Hospital, Taiwan	<b>“Immunological Modulation and Epigenetic Modification by Chinese Herbal Medicine for the Treatment of Asthma in Taiwan”</b>

<b>Dr. T. Bilashini Devi</b> Ex Director; Family Welfare, Govt. of Manipur Manipur, India	<b>“Expansion of role of traditional medicine in women’s health”</b>
<b>Prof. Dr. Milen I. Georgiev</b> Head, Metabolomics Laboratory Institute of Microbiology, Bulgarian Academy of Sciences, Plovdiv, Bulgaria	<b>“Obesity management potential of natural compounds”</b>
<b>Dr. Sanjeeb K Sahoo</b> Scientist, Institute of Life Sciences Bhubaneswar, India	<b>“Ethnopharmacology and anticancer drug discovery: A journey with Nano-formulations”</b>
<b>Prof. Bhushan Patwardhan</b> National Professor Ministry of AYUSH, Govt. of India New Delhi	<b>“Ethnopharmacology approach: Opportunities in biomedical research”</b>
<b>Dr. Gudrun Ulrich-Merzenich</b> Cooperative Rheumacentrum Aachen- Cologne-Bonn Laboratory, Merzenich University Clinic Centre Bonn Bonn, Germany	<b>“The neurotrophic Activity of <i>Ballota nigra</i> L. <i>Crataegus oxycantha</i> L., <i>Passiflora incarnata</i> L., <i>Valeriana officinalis</i> L. and its Combination in vitro and in vivo”</b>

**HALL -3 (SHANGHAI): 10:00 AM - 01:00 PM:**  
**Traditional Healers’ Conclave:**  
**“Traditional Healthcare Practices - Exploring Ancestral Medicine”**

**Moderators:**

- Dr. Pardeep Kumar Bhardwaj**, Scientist-E, IBSD, Imphal, India
- Dr. Nanaocha Sharma**, Project Scientist, IBSD, Imphal, India
- Dr. Sushil K Chaudhary**, Project Scientist, IBSD, Imphal, India
- Dr. K Ojit Singh**, Project Scientist, IBSD, Imphal, India
- Shri. Kalyan Nath**, CIT (Appeals), Unit-1, Guwahati, India
- Dr. R K Imotomba Singh**, Director, PDDUIAS, Imphal, Manipur, India
- Dr. Samar Roychowdhury**, Pune, India
- Mrs. Seha Singha**, Society for Ethnopharmacology, India
- Ms. Thokchom Biona**, IBSD, Imphal, India

**Lead Speakers:**

- Dr. Heena Tabassum**, Scientist, Indian Council of Medical, New Delhi, India
- Title: “Leveraging Traditional Medicine Research: Way Forward”**

Panellist	
<b>Dr. Marco Leonti</b> Cagliari, Italy	<b>Mr. Nirmal Kumar Awasthi</b> Chhattisgarh, India
<b>Vd. Shuklal</b> Jharkhand, India	<b>Shri. Nar Bahadur Limboo</b> Sikkim, India
<b>Vd. Sridhar Desai</b> Belagavi, India	<b>Prof. M. G Matsabisa</b> Bloemfontein, South Africa
<b>Mr. Netaji Apatwar</b> MH, India	<b>Dr. Pramod H J</b> Belagavi, Karnataka, India
<b>Shri. Jasper B. Manih</b> Ri-Bhoi District, Meghalaya	<b>Dr. Rajesh Singh Pawar</b> Bhopal, MP, India

<b>Mr. Anup K Sarkar</b> Kolkata, India	<b>Shri Christopher Myrthong</b> South West Khasi Hills District, Meghalaya
<b>Th. Thombiraj</b> Manipur, India	<b>Dr. H. Carehome Pakyntein</b> West Jaintia Hills District, Meghalaya
<b>Dr. Prasanna Kumar Patra</b> Odisha, India	<b>Dr. Surendra Kumar Jena</b> Odisha, India
<b>Vd. Shridhar Desai</b> Uttara Kannada, Karnataka	<b>Dr Caroline Wekerle</b> Zurich, Switzerland
<b>Ahongjao Soibam</b> Bishnupur, Manipur	<b>Nongthombam Munindro Meitei</b> Imphal West District, Manipur
<b>Laishram Bisheshwor Meitei</b> Thoubal, Manipur	<b>Tarenjam Babita</b> Thoubal Leishangthe
<b>Ahongjao Soibam</b> Bishnupur, Manipur	<b>Dr Jatin Kalita</b> Jorhat, Assam
<b>Ashem Mohori</b> Wapokpi, Manipur	<b>Tomba</b> Keithelmanbi, Manipur
<b>Laishram Bisheshwor Meitei</b> Thoubal, Manipur	<b>Darhminglien</b> Churachandpur, Manipur
<b>Laishram Manglem Meetei</b> Thoubal, Manipur	<b>Ronit Yanglem</b> Khurai Puthiba Leikai, Manipur
<b>Naorem Bhorot Singh</b> Kakching, Manipur	<b>Tarenjam Babita</b> Thoubal Leishangthe, Manipur
<b>Ningthoujam Toyai Singh</b> Imphal West, Manipur	<b>Paulason Gangte</b> Churachandpur, Manipur
<b>Tourangbam Arunbabu Singh</b> Imphal West, Manipur	<b>Louriyam Shantani Devi</b> Imphal West, Manipur
<b>Phuyam Chourajit Singh</b> Imphal, Manipur	<b>Nongthombam Munindro Meitei</b> Imphal West, Manipur
<b>Pu. P. C. Lalrikhuma</b> Aizwal, Mizoram	<b>Ningthoukhongjam Tombiraj</b> Uripok, Manipur
<b>Phuritshabam Liklainganbi Devi</b> Imphal West, Manipur	<b>Krishnagopi</b> Thoubal, Manipur
<b>Allimuddin Chesan</b> Makha Leikai, Manipur	<b>Pu. Ngahaka</b> Aizwal, Mizoram
<b>Nongthombam (o) Tombi</b> Wangjing, Imphal, Manipur	<b>Ani Thokchom</b> Heirok Part II, Manipur
<b>Thangzatong</b> Churachandpur, Manipur	<b>Yumlebam Yaima</b> Sekmai Mayai Leikai, Manipur
<b>Rakesh Khwairakpam</b> Sekmai, Manipur	<b>Khwairakpam Yumjao</b> Khunou Leikai, Manipur
<b>Phuritsabam Nokun Singh</b> Khurkhul, Imphal West, Manipur	<b>Laishram Nabakishore</b> Imphal West, Manipur

**LUNCH: 012:45 PM – 01:30 PM**

**HALL -2 (GINGER): PRESENTATION –  
YOUNG ETHNOPHARMACOLOGIST COMPETITION:  
09:00 AM - 01:00 PM**

**HALL - 3 (SHANGAI):  
ORAL PRESENTATION SESSION: I  
02:00 PM – 03:30 PM**

**HALL - 3 (SHANGAI):  
ORAL PRESENTATION SESSION: II  
03:30 PM - 06:00 PM**

**HALL - 4 (NAKUPI):  
E-PRESENTATION SESSION I  
10:00 AM - 01:00 PM**

**HALL - 4 (NAKUPI):  
E-PRESENTATION SESSION: II  
02:00 PM - 05:00 PM**

**POSTER PRESENTATION SESSION II:  
11:00 AM - 01:00 PM**

**POSTER PRESENTATION SESSION III:  
02:00 PM - 04:00 PM**

**CULTURAL PROGRAMME:  
06:00 PM - 07:00 PM  
(Hotel Imphal, Imphal, India)**

**SFE DINNER:  
07:00 PM - 08:30 PM  
(Hotel Imphal, Imphal, India )**

**Day 3: Sunday: February 26, 2023**  
**Venue: City Convention Centre, Imphal, Manipur, India**

**HALL -1 (SHIRUI): KEYNOTE SESSION III:**  
**09:00 AM - 10:30 AM**

**“Traditional Medicine inspired drug Development”**

**Chairpersons:**

**Prof. Goutam Sutradhar**, Director, National Institute Technology, Manipur, India

**Prof. Alvaro M Viljoen**, *Department of Pharmaceutical Sciences, Tshwane University of Technology, Pretoria, South Africa*

Speaker	Title
<b>Dr. Partha Pratim Majumder</b> , National Science Chair SERB, Govt. of India & Former Director NIBMG, Kalyani, West Bengal, India	<b>“Diversity, Relationship and ancestries of population groups of India captured by genomic studies”</b>
<b>Prof. Alexander Shikov</b> St. Petersburg State Chemical Pharmaceutical University St. Petersburg, Russia	<b>“Medicinal plants used in Russian medicine to cure diseases of respiratory tract”</b>
<b>Dr. Ashiho Asosii Mao</b> Director Botanical Survey of India Kolkata	<b>“Plant Wealth of North East India and its bio-economy prospects”</b>

**HALL -1 (SHIRUI): PLENARY SESSION X:**  
**10:30 AM - 11:30 AM**

**“Ethnopharmacology, Ethnomedicine - Resources of Novel drugs”**

**Chairpersons:**

**Dr. Sitesh C Bachar**, *Dean, Faculty of Pharmacy, Dhaka University, Bangladesh*

**Prof. Potsangbam Albino Kumar**, Dean, NIT Manipur, India

Speaker	Title
<b>Dr. Rabinarayan Acharya</b> Director General Central Council for Research in Ayurvedic Sciences Ministry of AYUSH, New Delhi, India	<b>“Ethnopharmacology, an aid to enrich Ayurveda Pharmacopoeia”</b>
<b>Dr. Anjan Adhikari</b> Medical Superintendent cum Vice President Principal, Medical College & Hospital Kolkata	<b>“Pharmaco-vigilance – the future drug development”</b>
<b>Prof. Jyoti Prakash Tamang</b> School of Life Sciences Sikkim University Tadong, Gangtok	<b>“Indian Fermented Foods as Medicine: Metagenomics, Metabolomics and Metagenome Assembled Genomes”</b>

## HALL -1 (SHIRUI): PLENARY SESSION XI:

11:30 AM - 01:00 PM

### “Ashwagandha- Quality evaluation and Validation”

#### Chairpersons:

**Prof. Debananda Singh**, Professor, Manipur University, Manipur, India

**Dr. Debprasad Chattopadhyay**, Former Director, ICMR –NITM, Belagavi, India

Speaker	Title
<b>Dr. Roy Upton</b> Founder and Executive Director American Herbal Pharmacopoeia Scotts Valley, USA	“Development of an Ashwagandha Monograph and Therapeutic Compendium for the American herbal Pharmacopoeia”
<b>Dr. Chris Kilham</b> Medicine Hunter USA	“Plants, People and Places Ethnobotany and Botanical Trade”
<b>Dr. Madhu Dikshit</b> Former Director, CSIR-Central Drug Research Institute (CSIR-CDRI), Lucknow, India	“Efficacy of the root extract of <i>Withania Somnifera</i> in the experimental models of SARS-CoV2, inflammation, and innate immune response”
<b>Dr. Mark Blumenthal</b> Founder & Executive Director American Botanical Council Texas, USA	“ABC-AHP-NCNPR Botanical Adulterants Prevention Program (BAPP)”
<b>Dr. Kartikeya Baldwa</b> Founder & CEO, Ixoreal Biomed Inc. Hyderabad, India	

LUNCH: 01:00 PM – 02:00 PM

## HALL -2 (GINGER): 10:00 AM - 01:00 PM

### PANEL DISCUSSION on “Reimagine Ethnopharmacology”

#### Moderators:

**Dr. Anil K Joshi**, Director, HESCO, India

**Dr. Nanaocha Sharma**, Organizing Secretary, ISESFEC 2023 & Scientist, IBSD, Imphal

**Dr. Pardeep K Bhardwaj**, Organizing Secretary & Scientist, IBSD, Imphal, India

**Prof. Pulok K Mukherjee**, Chairman, ISESFEC 2023 & Director, IBSD, Imphal, India

Speaker	Title
<b>Dr. G. Narahari Sastry</b> Director CSIR- North East Institute of Science and Technology (CSIR-NEIST), Jorhat, Assam, India	“Industry 5.0 driven polypharmacology”
<b>Prof. Sayeed Ahmad</b> Coordinator, Delhi, Local Chapter, SFE & Professor, School of Pharmaceutical Education and Research, Jamia Hamdard University, New Delhi	HPTLC MS based bioprofiling of medicinal plants and traditional formulations using effect direct analysis

<p><b>Dr Pramod J. Hurkadale</b> Coordinator, Belgaum, Local Chapter, SFE &amp; Head-Pharm. Biotechnology KLE University, Belgaum Karnataka, India</p>	Utilization Indian Traditional Medicinal Plants for Globalization
<p><b>Dr Sanjay M Jachak</b> Coordinator Mohali Local Chapter, SFE &amp; Professor, Department of Natural Products, NIPER, Mohali, India</p>	“Natural Products as source of Anti-Diabetes Agents”
<p><b>Prof. K. Mruthunjaya</b> Coordinator, Mysuru, Local Chapter, SFE &amp; Head, Dept. of Pharmacognosy JSS College of Pharmacy, JSS Academy of Higher Education and Research, Mysuru, India</p>	“Traditional plants as memory enhancing agents: An attempt to relate phospholipids and memory”
<p><b>Dr. Sanjay Tamoli</b> Director, Target Institute of Medical Education &amp; Research, Mumbai, India</p>	“New dimension to holistic herbal extract”
<p><b>Dr. Chandana Barua</b> Coordinator, Guwahati, Local Chapter, SFE &amp; Professor, Dept. of Pharmacology &amp; Toxicology College of Veterinary Science Khanapara, Guwahati, India</p>	“Traditional herbal medicinal sources for clinical purpose: importance, challenges and future”
<p><b>Dr. Sagar K. Mishra</b> Associate Professor Utkal University, Odisha, India</p>	“Antidiabetic evaluation of $\alpha$ -amyrine acetate isolated from <i>Streblus asper</i> lour stem bark and its quantification by HPTLC method”
<p><b>Dr. Satyanshu Kumar</b> Coordinator, Gujarat, Local Chapter, SFE &amp; Principal Scientist Directorate of Medicinal and Aromatic Plants Research, Boriavi 387310, Anand, Gujarat, India</p>	
<p><b>Dr. Sathiyarayanan L.</b> Coordinator, Pune Local Chapter, SFE &amp; Dept of Pharmaceutical Chemistry, Bharati Vidyapeeth University Poona College of Pharmacy, Pune, MH, India</p>	“Research Potential of Indian Bee Products”
<p><b>Dr Jatin Kalita</b> Coordinator, Jorhat Local Chapter, SFE &amp; Principal Scientist, CSIR-North East Institute of Science and Technology, Jorhat-785006, Assam, India</p>	“Ethnopharmacological prospects of insect bioresources in managing metabolic disorders.”
<p><b>Dr. Prosoon K. Gupta</b> Coordinator, Jammu Local Chapter, SFE &amp; Principal Scientist, CSIR- Indian Institute of Integrative Medicine, Jammu-180001, India</p>	Discovery of Novel Steroidal Saponins from rhizomes of <i>Trillium govanianum</i> and their Potential Anticancer Activity
<p><b>Dr. Rajesh Singh Pawar</b> Coordinator, Bhopal, Local Chapter, SFE &amp; Professor, Faculty of Pharmacy VNS Group of Institutions Bhopal, M.P., India</p>	

**LUNCH: 01:00 PM – 02:00 PM**



### HALL -3 (SANGAI): PLENARY SESSION XII: 10:00 AM - 11:30 PM

#### “Ethnobotany and Biotechnology- development of natural products”

**Chairpersons:**

**Prof. R. Varatharajan**, *Dean, School of Life Sciences, Manipur University, Imphal, Manipur*

**Dr. Sunil Dubey**, *Emami Ltd., Kolkata*

Speaker	Title
<b>Prof. Jacobus Nicolaas Eloff</b> Phytomedicine Programme Faculty of Veterinary Medicine University of Pretoria South Africa	“The interaction between activity of plant extracts against animal pathogens/ pests; a dilemma and a possible solution”
<b>Dr. Subarna Roy</b> Director, ICMR- National Institute Traditional Medicine (ICMR-NITM) Belagavi, India	“ICMR-National Institute of Traditional Medicine’s contributions to TM research”
<b>Prof. Pallab Kanti Haldar</b> Director School of Natural Product Studies Jadavpur University, Kolkata	“Roll of medicinal plants to combat metabolic disorder with special emphasis on diabetes and related pathological complications”
<b>Prof. Michael Heinrich</b> The School of Pharmacy University of London London, UK	“Why bother about ‘best practice’? Or, why we need a consensus on good methodological approaches”

### HALL -3 (SANGAI): PLENARY SESSION XIII: 11:30 AM - 01:00 PM

#### “Recent approaches for drug development from Botanicals”

**Chairpersons:**

**Dr. Khurajam Rajanjana Devi**, *Dept. of Microbiology, RIIMS, Imphal, India*

**Dr. H. Sunitibala Devi**, *Scientist, IBSD, Imphal, India*

Speaker	Title
<b>Dr. K. Suresh Babu</b> Senior Principal Scientist CSIR- Indian Institute of Chemical Technology, Telangana, Hyderabad, India	“Recent Approaches in Natural Products Research for Drug Discovery”
<b>Dr. Dilip Ghosh</b> Director, Nutriconnect Sydney, Australia	“Obesity and lifestyle-related disorders beyond the stethoscope: Role of evidence-based botanicals”
<b>Dr. Dinesh Kumar</b> Scientist, CSIR-IHBT Palampur, India	“Metabolomics: A way towards metabolic information and quality control of Traditional medicine”
<b>Dr. Sumeet Gairola</b> Principal Scientist CSIR-Indian Institute of Integrative Medicine Canal Road, Jammu, J&K, India	“Ethnomedicinal plants used by the indigenous communities of Ladakh, India”
<b>Dr. Arulmozhi. S</b> Department of Pharmacology, Poona College of Pharmacy, Bharati Vidyapeeth, Pune, India	“Repurposing Indian Traditional Formulations for Treatment of Neurodegenerative Diseases”

## HALL -4 (NAKUPI): PLENARY SESSION XIV: 10:00 AM - 11:30 AM

### “Quality, safety and efficacy of Traditionally used medicinal plants”

#### Chairpersons:

Dr. Y. Rajasekhar, Scientist, IBSD, Imphal, Manipur, India

Dr. Biseshwori Thongam, Scientist, IBSD, Imphal, India

Speaker	Title
<b>Prof. Geoffrey A. Cordell</b> College of Pharmacy University of Florida, FL, USA	“L.O.V.E., R.E.S.P.E.C.T., and the Future of Natural Products in Society”
<b>Dr. Min Ye</b> Vice Dean, School of Pharmaceutical Sciences Peking University, China	“The effective component of Chinese herbal medicines and their biosynthesis”
<b>Dr. Rabea Parveen</b> Bioactive Natural Products Laboratory, JAMIA HAMDARD, New Delhi, India	“Nanoformulation approach for delivery of Combination of silymarin and 5-fu for treatment of solid tumor”
<b>Prof. M. Fawzi Mahomoodally</b> Head, Department of Health Sciences, University of Mauritius, Réduit, Mauritius	
<b>Dr. Krystyna Skalicka-Woźniak</b> Department of Pharmacognosy Medical University of Lublin, Poland	

## HALL -4 (NAKUPI): PLENARY SESSION XV: 11:30 AM - 01:00 PM

### “Traditional system of Medicines- Global perspectives ”

#### Chairpersons:

Dr. R K Pritamjit Singh, Scientific Officer, MASTEC, Manipur, India

Dr. S Rajan, Senior Scientist and Head, R&D, Kalpavriksha Agrisciences Pvt. Ltd., Ooty

Speaker	Title
<b>Dr. Diamanto M. Lazari</b> Department of Pharmaceutical Chemistry Aristotle University of Thessaloniki, Greece	“Exploring the medicinal potential of plants of the genus <i>Achillea</i> L. (Asteraceae)”
<b>Dr. Rawiwan Charoensup</b> Department of Applied Thai Traditional Medicine, Mae Fah Luang University, Chiang Rai, Thailand	“Herbal Technology to sustain climate change and Circular Bio-economy”
<b>Dr. Sri Fatmawati</b> Institute Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia	“Jamu: Indonesian Traditional Medicines”
<b>Dr. Julieta Z. Dungca</b> Dean, School of Science and Technology Centro Escolar University, Philippines	
<b>Prof. Zhao Zhongzhen</b> Associate Dean Hong Kong Baptist University Hong Kong	

LUNCH: 01:00 PM – 02:00 PM

## Day 2: Saturday: February 25, 2023

### ORAL PRESENTATIONS

<b>Evaluators</b>	<p><b>Prof. Sitesh C Bachar</b>, Professor, Department of Pharmacy, University of Dhaka, Bangladesh</p> <p><b>Prof. Domenico Delfino</b>, Professor, Farmacologia, Università degli Studi di Perugia, Italy</p> <p><b>Dr. Subhash C Mandal</b>, Secretary, Society for Ethnopharmacology, Kolkata</p> <p><b>Prof. Alexander Shikov</b>, St. Petersburg State Chemical Pharmaceutical University, St. Petersburg, Russia</p> <p><b>Dr. Sagar K. Mishra</b>, Associate Professor, Utkal University, Odisha, India</p> <p><b>Dr. Santanu Bhadra</b>, Global Information Manager, GSK, Bengaluru, India</p> <p><b>Dr. Sushil K Chaudhary</b>, Project Scientist, IBSD, Imphal, Manipur, India</p>
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### YOUNG ETHNOPHARMACOLOGIST COMPETITION: 09:00 AM – 01:00 PM

Abstract No	Presenting Author	Title of Abstract
ISESFEC/23/O-002	Monika Binwal	<i>Taxus wallichiana</i> needle extracts alleviates high-fat diet-induced insulin resistance in C57BL/6 mice; A Chemico - Pharmacological study
ISESFEC/23/O-005	Raktimava Sarkar Das	Ethnobotanical insulin plant <i>Costus igneus</i> as a novel herbal transdermal patch
ISESFEC/23/O-009	Pritam Saha	Piperine attenuates cigarette smoke-induced oxidative stress, lung inflammation and epithelial-mesenchymal transition by modulating SIRT1/Nrf2 axis
ISESFEC/23/O-010	Deepika N.P	Neuroprotective effects of Ayurvedic edible crab rasayana in a rotenone-induced Parkinson's rat model
ISESFEC/23/O-011	Anshuly Tiwari	Kashmir saffron based enriched carotenoids botanical supplement and its role in women's health
ISESFEC/23/O-016	Hiranmoy Barman	Anti-viral efficacy of selected ethnomedicinal allium sp. of north east india against SARS-COV-2 infection
ISESFEC/23/O-017	Mir Ekbal Kabir	Ethnic fermented soybean food of North East India with promising antidiabetic potential
ISESFEC/23/O-019	Nikunjana Patel	A ready-to-use galactagogue nutraceutical
ISESFEC/23/O-020	Bhaskar Das	Metabolite profiling and safety evaluation of semi-aquatic edible herbs as potential inhibitors of cholinesterase and $\beta$ -secretase
ISESFEC/23/O-021	Sandeep Sankaran	Integrated network-based analysis, molecular docking, and bioautography methods to decipher the protective role of Indian propolis in Alzheimer's disease
ISESFEC/23/O-023	Pankaj Barman	Exploration of traditional fermented beverages of Assam for pharmacological activities
ISESFEC/23/O-024	Vishal Gokul Beldar	An improved method for separating asiatic acid and asiaticoside rich fraction from <i>Centella asiatica</i> and Its investigation with amyloidogenic proteins
ISESFEC/23/O-025	Amlan Jyoti Ghosh	Hypoglycemic and probiotic attributes of <i>Lactobacillus brevis</i> : an in-vitro and in-vivo study

ISESFEC/23/O-027	Maria-Eleni Grafakou	Effect of upper intestinal tract digestion on <i>Hypericum perforatum</i> extract using the infogest protocol
ISESFEC/23/O-028	Ramkishan Jatoth	Novel hydroalcoholic polyherbal formulation development and (HPLC-UPLC) ultra-performance liquid chromatographic separation, estimation of gallic acid in <i>Terminalia chebula</i> dried fruits, and a marketed siddha-based polyherbal formulation “kabusura kudineer”
ISESFEC/23/O-030	Nikena Khwairakpam	Bioactivities of insect associated bacteria from beetle species of Manipur
ISESFEC/23/O-035	Rupesh Banerjee	Phytochemical analysis and Anti-microbial potential of <i>Ayapana triplinervis</i> Vahl. hydroalcoholic leaf extract
ISESFEC/23/O-036	Anna-Mari Kok	<i>In vitro</i> herb-drug interaction potential of an indigenous South African polyherbal as a possible adjuvant during tuberculosis treatment
ISESFEC/23/O-038	Nalini Singh	Antimalarial activity of traditional medicinal plants from northeast India (Manipur)
ISESFEC/23/O-048	Deepthy M	Wild edibles used by the tribes in Kerala, their documentation and genetic analysis using ISSR markers
ISESFEC/23/O-050	Rikraj Loying	Promising anti-inflammatory potential of ethnomedicinal hill pepper from North East India
ISESFEC/23/O-053	Maria Mukherjee	Evaluating the chemotherapeutic potential of helicase and chaperone axis as novel antimalarial target
ISESFEC/23/O-054	Duyu Taaza	Pharmacological evaluation of hesperidin on olanzapine-induced weight gain, dyslipidemia and insulin resistance in rats
ISESFEC/23/O-056	Kabrambam Dasanta	Study of biofumigant property of enriched fraction of <i>Dillenia indica</i> L. Leaves along with its mode of action against stored grain insect pests
ISESFEC/23/O-057	Anjali Yadav	Anti-Microbial activity of medicinal plant <i>Zanthoxylum armatum</i> against gastric pathogen <i>Helicobacter pylori</i>
ISESFEC/23/O-059	Mannu Dwivedi	Multifacet utility and phytochemical validation of <i>Taverniera cuneifolia</i> as a potential alternative of <i>Glycyrrhiza glabra</i>
ISESFEC/23/O-060	Shalini Gurumayum	Flavone enriched extract of <i>Osbeckia nepalensis</i> Hook.f. ameliorates elevated hepatic gluconeogenesis via AMPK phosphorylation in diabetic models
ISESFEC/23/O-061	Gopi Chand Babare	Effect of poly herbal formulation on ethanol induced gastric ulcers in rats
ISESFEC/23/O-062	M. Bidyarani Devi	A potential probiotic <i>Lactobacillus plantarum</i> isolated from fermented ethnic food of manipur alleviates TNF- $\alpha$ by regulating adam-17 protein
ISESFEC/23/O-063	Smita Mishra	Enrichment of <i>Glycyrrhiza glabra</i> root extract for Phytopharmaceutical ingredient development as an anti-diabetic drug candidate
ISESFEC/23/O-065	Barun Das Gupta	LC-QTOFMS-based metabolite profiling and evaluation of $\alpha$ -glucosidase and $\alpha$ -amylase inhibitory potential of combined plant extract-based nutraceutical formulation from NER

**Hall 3 (Shanghai): ORAL SESSION: I  
(02:00 PM – 03:30 PM)**

**Evaluators**  
**Dr. Motlalepula G Matsabisa**, Professor, Department of Pharmacology  
 University of the Free State, Bloemfontein, SA  
**Dr. Y. Rajasekhar**, Scientist, IBSD, Imphal, Manipur, India  
**Dr. C. Brajakishor Singh**, Scientist, IBSD Node Mizoram, India  
**Dr. Sabeela Beevi Ummalyima**, Scientist, IBSD, Imphal, Manipur, India  
**Dr. Biseshwori Thongam**, Scientist, IBSD, Imphal, Manipur, India  
**Dr. Amit Kar**, Project Scientist, IBSD, Imphal

Abstract No	Presenting Author	Title of Abstract
ISESFEC/23/O-001	Mohammad Mehedi Masud	Phytochemical, Computational and Biological Studies on the roots of <i>Leea macrophylla</i> (Family:Vitaceae)
ISESFEC/23/O-003	Rinku Baishya	Prooxidant potential of <i>Citrus macroptera</i> : a folklore plant of northeast India
ISESFEC/23/O-004	Subarna Thakur	Integrating network pharmacology, molecular docking and md simulation approach to elucidate the underlying pharmacological mechanisms of <i>Drynaria quercifolia</i> in the treatment of rheumatoid arthritis
ISESFEC/23/O-006	Silvia Yumnam	Targeting dihydrolipoyl dehydrogenase, dld suppressed in vivo melanoma tumor growth and proliferation
ISESFEC/23/O-007	Archana S	Scientific validation of an ethnoveterinary formulation used for wound healing
ISESFEC/23/O-008	Komal S. Patel	Supplementation of standardized kashmiri saffron extract attenuates chronic scopolamine induced cognitive impairment and neurofibrillary tangles (NFT) accumulation in rat brain
ISESFEC/23/O-012	Anant Kumar	Pharmacological profile of selected flavonoids present in fruit peels against inflammation induced insulin resistance in adipocytes
ISESFEC/23/O-013	Niyati S Acharya	Evaluation of the neuroprotective effect of cannabidiol in Alzheimer's disease
ISESFEC/23/O-014	Pradip Debnath	Exploration of metabolic profiles and antidiabetic potential of the different varieties of cucumber ( <i>Cucumis sativus</i> L.) fruit
ISESFEC/23/O-015	Deepak Kumar	Anticancer organosulfides from <i>Ferula assa-foetida</i> gum: isolation, characterization and pre-formulation studies
ISESFEC/23/O-018	Chowdhury Hossain Faiz	Anti-hyperglycemic and hepatoprotective effects of arjunic acid isolated from <i>Terminalia arjuna</i> in streptozotocin-induced type 1 diabetic mice

### Hall 3 (Shanghai): ORAL SESSION: II (03:30 PM – 06:00 PM)

**Evaluators**  
**Prof. Marco Leonti**, Secretary, ISE & Department of Biomedical Sciences, University of Cagliari, Italy  
**Dr. Snehasikta Swarnakar**, Scientist, CSIR-IICB, Kolkata, India  
**Dr. Shyamnarayan**, Scientist, ICMR- RMRIMS, Patna, India  
**Dr. K H. Rakesh**, Senior Scientific Officer, MASTEC, Imphal, India  
**Dr. N Sateesh Kuamr**, Associate Professor, NIPER, Kolkata, India  
**Dr. Amit Kar**, Project Scientist, IBSD, Imphal, Manipur, India

Abstract No	Presenting Author	Title of Abstract
ISESFEC/23/O-022	Namisha Sharma	Virus under siege: unraveling novel defense mechanism in plants
ISESFEC/23/O-026	Rambir Singh	Antibiotic-Medicinal Plant Extracts Synergy for Biofilm and Quorum Sensing Inhibition in <i>Pseudomonas aeruginosa</i>
ISESFEC/23/O-029	Asem Mipeshwaree Devi	Transcriptomic time-series analysis of genes involved in anthocyanin biosynthesis in the rice grain of black scented rice, chakhao
ISESFEC/23/O-031	Hanamant Gadad	Species diversity of wasps in tasar ecosystem
ISESFEC/23/O-032	Akoijam Ranjita Devi	<i>Kaempferia rotunda</i> L: evaluation of genotypes, phytochemical and pharmacological properties
ISESFEC/23/O-033	Sushil Kumar Chaudhary	Evaluation of antioxidant, anti-inflammatory, anti-HMG-COa reductase activity and simultaneous determination of phenolic compounds in hydroalcoholic extract of <i>Ficus cunia</i> fruits by RP-HPLC
ISESFEC/23/O-034	Chhaya Gadgoli	Studies on bioavailability of antiasthmatic orodispersible tablets containing extracts of <i>Glycyrrhiza glabra</i> and <i>Curcuma longa</i>
ISESFEC/23/O-037	Sunil S Thorat	In Silico screening of phytochemicals having anti-viral properties belonging to family Zingerberaceae against COVID-19
ISESFEC/23/O-039	Siddharth J. Modi	Assessment of <i>Withania somnifera</i> based botanical supplement in healthy human aging
ISESFEC/23/O-040	Anil Mukund Limaye	Partial estrogen-like effects of karanjin: a transcriptomic study using MCF-7 cell lines
ISESFEC/23/O-041	Lokesh Deb	Folklore healthcare system of eastern Himalaya bio-region of west Sikkim, North-East India
ISESFEC/23/O-042	Mohammad Salim Hossain	Adiposity and adipocyte inflammation combating potentials of <i>Alpinia calcarata</i> leaves: in-silico and in-vivo approach
ISESFEC/23/O-043	Prasenjit Manna	Glucose-Sensitive Delivery of Vitamin D by Dextran-gated Multi-Functional Mesoporous Silica Nanoparticles to Mitigate Hyperglycemia
ISESFEC/23/O-044	Rejina Afrin	Evaluation of pharmacological activities of ethyl acetate fraction of <i>Ceraceomyces tessulatus</i>
ISESFEC/23/O-045	Sandhya Parameswaran	Microencapsulation of essential oils from lavender and anise and study of its Anti-epileptic activity.

ISESFEC/23/O-046	Stéphane SAVRIAMA,	Nôti and Tolsi against COVID 19: two Hindou's sacred plants in Reunion Island traditional medicine
ISESFEC/23/O-047	Reena Haobam	Traditionally used medicinal plants of manipur protect against rotenone-induced neurotoxicity model of parkinson's disease in sh-sy5y cells.
ISESFEC/23/O-049	Claude MARODON	The plants of Indian's indenture in Reunion Island: an ethnopharmacological approach
ISESFEC/23/O-051	Daniel Umereweneza	Bioactive secondary metabolites from Rwandese medicinal plants
ISESFEC/23/O-052	Narendra Kumar	A comprehensive investigation of hemp ( <i>Cannabis sativa</i> L.) for identification of CBD-rich genotype.
ISESFEC/23/O-055	Md. Zakir Sultan	Investigation of Anti-hypercholesterolemic Medicinal Plants
ISESFEC/23/O-058	Shaikh Jamal Uddin	Antibacterial peptides from Bangladeshi plants of solanaceae family
ISESFEC/23/O-064	Prasanna Kumar Patra	Importance of tribal traditional ethnomedicinal knowledge system in addressing contemporary disease burden
ISESFEC/23/O-066	Atul Gupta	Phytochemical investigation of <i>Pterocarpus marsupium</i> Roxb. for value addition
ISESFEC/23/O-067	Rajlakshmi Devi	A study on the medicinal plants used in northeast India for curing various cardiovascular disorders
ISESFEC/23/O-068	Kapil Dev	Identification of osteogenic agents from <i>Spinacia oleracea</i> leaves and development of therapeutic formulation for osteoarthritis
ISESFEC/23/O-069	Keithellakpam Sanatombi	In vitro culture of <i>Artemisia parviflora</i> Robx. Ex d. Don for artemisinin production
ISESFEC/23/O-070	Surendra Kumar Jena	Exploring the social, ecological and economic impact on conservation of sacred groves of the indigenous communities of northeast India
ISESFEC/23/O-071	Mayurika Goel	Development of Endophytic fungi as a bio-cell factory for sustainable production of extracellular red pigment with potential pharmaceutical potential
ISESFEC/23/O-072	Dilip Sing	Application of AI-based Raman spectrometer for rapid safety and quality assessment of traditional rice beer
ISESFEC/23/O-073	Herbert Riepl	Indigo yielding plants in medicine and Quindainones chemistry
ISESFEC/23/O-074	Anand Srivastava	Identification of plant extracts active against acaricide-resistant ticks and mosquito larva
ISESFEC/23/O-075	Md. Shah Amran	In-silico and in-vivo assessment of diabetes ameliorating potentiality and safety profile of <i>Gynura procumbens</i> : a breakthrough approach to combat diabetes mellitus

## Day 1: Friday: February 24, 2023

### POSTER PRESENTATIONS SESSION I : 03:00 – 05:00 PM

**Evaluators**

**Prof. Hung-Rong Yen**, Professor, China Medical University & China Medical University Hospital, Taichung, Taiwan

**Dr. J.K. Shukla**, Scientist, IBSD Node Meghalaya, India

**Mr. Amitavo Das**, EC Member, SFE, Kolkata, India

**Dr. Surendra Kumar Jena**, State Lead, MAMTA- Health Institute for Mother and Child, Bhubaneswar (Odisha)

**Shri. KL. Warson Anal**, Lecturer, MahaUnion Govt. Higher Secondary School, Chandel, India

**Dr. Kakali Mukherjee**, EC Member, Society for Ethnopharmacology, Kolkata, india

**Dr. Rajkumari Jobina**, Project Scientist, IBSD, Imphal, Manipur, India

**Dr. Neeta Pathaw**, Research Associate, IBSD Node Meghalaya, India

**Dr. Evanylla Kharlyngdoh**, Scientist, IBSD Node Meghalaya, India

**Dr. Ch. Sarat Singh**, Scientific Officer, MASTEC, Imphal, India

**Dr Alok Pal Jain**, Director, TRUBA, Institute of Pharmacy, Bhopal, India

Abstract No	Presenting Author	Title of abstract
ISESFEC/23/P-001	Thokchom Biona	An Ethnobotanical study of medicinal plants in different regions of Thoubal District, Manipur
ISESFEC/23/P-002	Vanlalhruii Famhawite	Antiinflammatory and antiproliferative activity of <i>Meyna spinosa</i> Roxb., an unexplored ethnomedicinal plant
ISESFEC/23/P-003	Deep Jyoti Das	Antibacterial and antiproliferative potential of Akhuni/Axone, a fermented food of Northeast India
ISESFEC/23/P-004	Ningombam Bishwamitra Singh	GC-MS phytoconstituent analysis of essential oil of <i>Cinnamomum tamala</i> from Manipur, India
ISESFEC/23/P-005	Rajkumari Bonyasana	Evaluation of antioxidants, anti-inflammatory activities and chemical composition of <i>Coridius chinensis</i> (Dallas), an edible insect species of North-East India
ISESFEC/23/P-006	Saini Mayanglambam	Phytochemical contents and antifeedant effects of <i>Ageratina adenophora</i> (Spreng.) Against three cabbage pests.
ISESFEC/23/P-007	Priyanka Mohapatra	Nimbolide-based nanomedicine enhances paclitaxel activity against triple-negative breast cancer by targeting cancer stem-like cells
ISESFEC/23/P-008	Tonjam Chanu Bidyasana	Documentation of indigenous ethnomedicinal plants in imphal west district, Manipur, India - an approach for conservation and sustainable use of plant wealth
ISESFEC/23/P-009	Sumati Sen	Insulin resistance reversible potential of selected phytosteroids in skeletal muscle cell: A preliminary study
ISESFEC/23/P-010	Nikki Konthoujam	Headspace spme/gc-ms volatile organic compounds analysis in cinnamomum tamala leaves from manipur, india
ISESFEC/23/P-011	Thongam Sofianandi Devi	Phytochemical analysis of essential oil of <i>Elsholtzia griffithii</i> by GC-MS spectroscopy from Manipur, India
ISESFEC/23/P-012	Lalnun Hruaitluangi	Investigation of phytoconstituents of unexplored aganope thyriflora plant of mizoram: an approach for scientific evidence-based research



ISESFEC/23/P-013	Nameirakpam Bunindro Singh	Essential oil compositions from <i>Artemisia vulgaris</i> L. With antifungal activities against <i>Fusarium oxysporum</i> and <i>Sclerotium oryzae</i>
ISESFEC/23/P-015	Soumik Dutta	Herbalisation of oral matrix tablets using <i>Abroma augusta</i> seeds
ISESFEC/23/P-017	Dipti B. Patel	Pharmacognostical and phytochemical evaluation of <i>Balanite aegyptiaca</i>
ISESFEC/23/P-018	Mridula Singh Thakur	<i>Murraya koenigii</i> (L.) Spreng.: a potential phytotherapy to treat diabetes
ISESFEC/23/P-020	Shweta Rai	HPTLC analysis and $\alpha$ -amylase inhibitory potential of <i>Oreocnide integrifolia</i> (Gaudich.) Miq. – an ethnomedicinally relevant plant from Northeastern India
ISESFEC/23/P-025	Sarangthem Dinamani Singh	Network pharmacology and molecular docking analysis of active phytochemical constituents of <i>Pyrus pashia</i> and its molecular mechanism against liver disease
ISESFEC/23/P-026	Pronami Gogoi	Characterization and bioactivity evaluation of the Biosurfactants from the seed pods of <i>Gymnocladus assamicus</i> (Leguminosae)
ISESFEC/23/P-027	Devpratim Koch	Assessment of bioactive compounds and nutritional profiling of <i>Etilingera linguiformis</i> (Roxb) R.M.S.M.
ISESFEC/23/P-028	Akash Dey	Phytochemical analysis and prediction of anti-SARS-COV-2 activity through in-silico approach of <i>Dasamoola ashtak kwath</i>
ISESFEC/23/P-029	Anish N.P	Ethnobotanical exploration of medicinal plants and promotion of tribal health care practices
ISESFEC/23/P-030	Bipankar Hajong	A study of the genus <i>Berberis</i> L. (Berberidaceae) in Arunachal Pradesh
ISESFEC/23/P-033	Thothoisana Soibam	Anticancer activity of <i>Garcinia xanthochymus</i> fruit extract against colon cancer through apoptosis
ISESFEC/23/P-034	Suparna Ghosh	Comparative antioxidant and anti-cholinesterase potential of ginger varieties of north-east India in respect to variation of 6-gingerol contents
ISESFEC/23/P-036	Aabir Pramanik	<i>Stevia</i> : a review of analytical methods for major bioactive
ISESFEC/23/P-037	Salem Lalvenhimi	In vitro antimicrobial activity and HPTLC analysis of hydroalcoholic fruit pod extract of <i>Parkia speciosa</i>
ISESFEC/23/P-038	Saravanakumar Venkatesan	<i>Aegle marmelos</i> leaf extract protects against diabetic kidney injury in mice by augmenting gasotransmitters and subjugating oxidative stress
ISESFEC/23/P-039	Nahakpam Surjalata,	Comparative study on chemical profiling and antimicrobial properties of essential oils of Cinnamon bark collected from different locations of Manipur
ISESFEC/23/P-040	Parismita Borgohain	Antifungal activity of <i>Croton tiglium</i> used by agricultural workers to treat onychomycosis
ISESFEC/23/P-041	Khomdram Khedashwori Devi	A comparative study on morphological and biochemical characters of <i>Umorok</i> and <i>Sirakhong chili</i>
ISESFEC/23/P-042	Srijon Gayen	RP-HPLC analysis and in-vivo antidiabetic potential of <i>Bruguiera cylindrica</i> (L.) Bl. - a mangrove of the Sundarban region
ISESFEC/23/P-043	Soma Chowdhury	Metabolite profiling and investigation of in-vitro $\alpha$ -glucosidase enzyme inhibition assay of <i>Paris polyphylla</i> SM.
ISESFEC/23/P-044	Seha Singha	Assessment of in-vivo adaptogenic activity of <i>Trichosanthes dioica</i> Roxb. Fruit extract
ISESFEC/23/P-045	Sandipan Jana	Evaluation of in-vitro and in-vivo anti-diabetic potential of <i>Gomphogyne cissiformis</i> fruit from Cucurbitaceae family
ISESFEC/23/P-046	Kishor Basor	Seed germination study in <i>Bixa orellana</i> (Annatto) a potent medicinal plant from North East India

ISESFEC/23/P-047	Sonia Sougrakpam	Investigation of the potential toxicity and therapeutic effects of <i>Ficus cunia</i> using zebrafish model
ISESFEC/23/P-048	Anuradha Moirangthem,	Black ginger extract promotes caudal fin regeneration in zebrafish
ISESFEC/23/P-050	Nambam Bonika Devi	Phytochemical properties and free radical scavenging activity of <i>Kaempferia parviflora</i> (black ginger).
ISESFEC/23/P-051	Rasmita Rani Das	Genomics of panicum sumatrense to develop viable genomic resources for a climate resilient crop
ISESFEC/23/P-052	P Sushree Shyamli	Deciphering the regulation of nutritive value and abiotic stress response in <i>Moringa oleifera</i> through genomic approach
ISESFEC/23/P-053	Mitrabinda Panda	Generating Genomic Resources for <i>Coccinia grandis</i> and identification of genes regulating fruit morphology
ISESFEC/23/P-055	Rakesh Sanabam	Micrografting as tool to rejuvenate the disease crippled citrus industry in Manipur and North east india
ISESFEC/23/P-056	Yengkhom Linthoingambi	Omega-6 fatty acid-rich crosses of Safflower for future health security
ISESFEC/23/P-057	Archana Mahapatra <sup>1</sup> ,	<i>In vitro</i> screening of selected indian medicinal plant extracts for potent anti-viral activity.
ISESFEC/23/P-058	Amita Dhargalkar,	Studies on optimization of oslation process for bakuchiol from <i>Psoralea carylifolia</i> seeds
ISESFEC/23/P-059	Sadokpam Shreekant	Bioactivity screening of medicinal plants against sepsis-causing multidrug-resistant bacteria
ISESFEC/23/P-060	Surmani Huidrom	Anti-quorum sensing activity potential of lactic acid bacteria isolated from fermented fruit beverages
ISESFEC/23/P-062	Laikangbam Lamyamba	Phytochemical screening and identification of phytochemical constituents of <i>Piper mullesua</i> using chromatography-mass spectrometry (GC-MS) analysis.
ISESFEC/23/P-064	Aditi Chatterjee	Antimalarial activity of <i>mentha spicata</i> and <i>tithonia diversifolia</i> leaf extracts against <i>plasmodium falciparum</i> and <i>plasmodium berghei</i>
ISESFEC/23/P-065	Soumya Shree Nayak	Generating genomic resources for an invasive halophyte, <i>Phragmites karka</i>
ISESFEC/23/P-066	Sandhya Suranjika	Transcriptomics of <i>Vigna aconitifolia</i> for developing a gene expression atlas
ISESFEC/23/P-070	Ritesh Sharma <sup>a</sup>	Chemical analysis of <i>Dactylorhiza hatagirea</i> 's nutritional and antioxidant potentials
ISESFEC/23/P-071	Reparani Thokchom	Phytochemical screening, antioxidant activity and analysis of chemical composition using SPME/GC-MS spectroscopy of <i>Ilicium griffithi</i> _fruits
ISESFEC/23/P-072	Khaidem Kennedy Singh	GC-MS analysis of phytoconstituents present in wild and cultivated zingiberaceae plants extract and their antioxidant activity.
ISESFEC/23/P-073	Amrita Ray	Evaluation of antiviral activity of the holy Basil ( <i>Ocimum sanctum</i> ) and the Indian gooseberry ( <i>Phyllanthus emblica</i> ) against Chikungunya virus
ISESFEC/23/P-074	Kshetrimayum Vimi	<i>Paris polyphylla</i> Sm. Induces ROS and caspase 3 mediated apoptosis in colorectal cancer cells <i>in vitro</i> and potentiates the therapeutic significance of 5FU and Cisplatin
ISESFEC/23/P-075	Lalbuatsaiha Fanai	Documentation of traditional foods of Lunglei, Lawngtlai and Siaha districts of mizoram.
ISESFEC/23/P-076	Heisnam Haripriyari Devi	Collection of citrus genetic resources of Manipur and its potential uses
ISESFEC/23/P-077	Supriya Suman Keshry	Antiviral activity of plant extracts from Cameroon pharmacopeia against Chikungunya Virus
ISESFEC/23/P-079	Kikusenuo Kiewhuo	Digitalisation of medicinal plants data: A computational effort to probe traditional therapeutic practices

ISESFEC/23/P-081	Sachin Vashisath	Comparative Study and $\alpha$ -glucosidase activity in Essential Oils of <i>Callistemon citrinus</i> (Syn. <i>Melaleuca citrina</i> ) from Indian Himalaya
ISESFEC/23/P-082	Esther Jamir	Identification of therapeutics for SARS-CoV2: A Polypharmacological and Drug Repurposing Approach
ISESFEC/23/P-083	Ngasheppam Malemnganbi Chanu	Orchids of Manipur: A wellspring of bioeconomy
ISESFEC/23/P-084	Rana Kamei	Comparative studies on the lectins found in <i>Meizotropis buteiformis</i> and <i>Butea monosperma</i>
ISESFEC/23/P-089	Sarvada Dhage	Phytochemical & pharmacological investigation on the fruits of <i>ficus racemosa</i>
ISESFEC/23/P-090	Selvaraman Nagamani	Integration of Chemoinformatics and Machine Learning for Drug Discovery
ISESFEC/23/P-091	Govind Yadav	Exploring the Himalayan plants with Immunomodulant and galactagogue properties

## Day 2: Saturday: February 25, 2023

### POSTER PRESENTATIONS SESSION II : 11:00 AM – 01:00 PM

<b>Evaluators</b>	<p><b>Dr. Caroline Weckerle</b>, Institute of Systematic and Evolutionary Botany, University of Zurich, Switzerland</p> <p><b>Prof. Yuan Shiun Chang</b>, Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources, China Medical University, Taiwan</p> <p><b>Prof. M. Damayanti Devi</b>, Head, Dept. of Botany, Manipur University, Imphal, Manipur, India</p> <p><b>Dr. Pardeep K Singour</b>, Professor, Faculty of Pharmacy VNS Group of Institutions, Bhopal, India</p> <p><b>Dr. Bhaskar Das</b>, Research Associate, IBSD, Imphal, Manipur, India</p> <p><b>Dr. Subrata Pandit</b>, Scientist, TCG Life Sciences, Kolkata, India</p> <p><b>Dr. Tapan K Mukherjee</b>, Former Editor, NISCAIR-IJTK (<b>Healers</b>)</p> <p><b>Dr Ch. Shivaji</b>, Scientific Officer, MASTEC, Imphal, India</p> <p><b>Dr K. Balaeshwer Singh</b>, DST, Manipur, India</p>
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Abstract No	Presenting Author	Title of abstract
ISESFEC/23/P-092	Khaidem Chanu, Devika	<i>Ageratina adenophora</i> (Spreng.) King & H. Rob leaf extract as antidiabetic agent: In-vitro and in-vivo evaluation and quantification of chlorogenic and caffeic acids
ISESFEC/23/P-093	Naorem Devi, Manglembi	Green Synthesis, Characterization of Nanoscale Silver Nanoparticles and Studies on Bioactivity using <i>Alpinia calcarata</i>
ISESFEC/23/P-094	Gayathri K	Network pharmacological evaluation of <i>Centella asiatica</i> for antifibrotic properties.
ISESFEC/23/P-095	Mukta Satsangi	Impact of post harvesting conditions on the quality of raw herbs
ISESFEC/23/P-096	Shweta Joshi	Analytical method development for simultaneous estimation of herbal drugs
ISESFEC/23/P-097	Ramesh Uniyal	Ethnobotanical uses and commercial perspectives of some important high-altitude spices and condiments in Western Himalaya, Uttarakhand
ISESFEC/23/P-098	Vijay Kant Purohit	Propagation & Cultivation: A promising way to conservation of rare, endangered & threatened medicinal plants as well as the economic empowerment of local inhabitants
ISESFEC/23/P-100	Rounak Chourasia	Production and characterization of bioactive and multifunctional peptides in chhurpi cheese produced using <i>Lactobacillus delbrueckii</i> ws4

ISESFEC/23/P-101	Md Minhajul Abedin	offline	Characterization of bioactive peptides in traditional fermented soft chhurpi consumed in different season of the sikkim Himalayan region
ISESFEC/23/P-102	Sultan Zahiruddin		Immunomodulator and antibacterial activity of a polyherbal formulation, derived from traditional indian medicinal plants
ISESFEC/23/P-105	Nandan Kumar		Drug repurposing for antiviral drug discovery and membrane permeability
ISESFEC/23/P-106	M. Amelia Devi		A study on traditional home remedial measures for the control of gastritis
ISESFEC/23/P-107	Aftab Alam		Scientific validation of traditional claims of nephroprotective unani drugs
ISESFEC/23/P-112	Abdur Rahman		Scientific validation of traditional claims of anti-viral unani formulations
ISESFEC/23/P-113	Jobina Rajkumari		Phytochemical analysis and antifungal activity of essential oils of some traditionally used medicinal herbs against skin dermatophytes
ISESFEC/23/P-114	Uzma Jabeen		A network pharmacology study of unani medicinal plants to explore its multi-compound and multi target mode of action in urinary tract infection
ISESFEC/23/P-118	Anuradha Shee		Systematic review on <i>Dolichos biflorus</i> (kulthi) and <i>foeniculum vulgare</i> (baadiyaan) for their nephroprotective potential
ISESFEC/23/P-120	Anita Kachari		Arbuscular mycorrhizal fungi and other beneficial microorganisms in the rhizosphere soil of <i>Garcinia lanceifolia</i> (g.don) roxb.
ISESFEC/23/P-122	Sushree Mohapatra	Ankita	Deciphering the in-vitro anticancer potential of selected marine extracts of chilika lagoon
ISESFEC/23/P-123	Ajay Kakati		<i>Caselpenia bonducella</i> L. extract with antioxidant potential improves etiological conditions in an experimental diabetic neuropathic rat model
ISESFEC/23/P-124	SM Abdul Barbhuiya	Aziz	Aqueous extract of <i>Ficus racemosa</i> L. Ameliorates diabetic neuropathy in an experimental wistar rat model
ISESFEC/23/P-125	Chingtham Singh	Thanil	Potential probiotic properties of ethnic food-derived bacteria
ISESFEC/23/P-126	Anupam Bhattacharya		Study on the bacterial diversity and metabolite profiles of ethnic fermented bamboo shoots of North east India
ISESFEC/23/P-127	Eagle Yi-Kung Huang		Yangonin, one of the kavalactones isolated from <i>Piper methysticum</i> , acts through cannabinoid 1 (cb1) receptors to induce an intrathecal anti-hyperalgesia in rats
ISESFEC/23/P-128	Roshani A. Patel		UV spectrophotometric method for simultaneous estimation of donepezil HCl and memantine hcl in tablet after prederivatization process by simultaneous equation method
ISESFEC/23/P-130	Prajisha Jayaprakash		Exploiting dfg in and out conformation of kinase inhibitors against CDK2 targets- an <i>in silico</i> approaches
ISESFEC/23/P-131	Disianliu Gangmei		"In-vitro microrhizome induction of <i>Kaempferia parviflora</i> (Family Zingiberaceae): a potent medicinal plant of India."
ISESFEC/23/P-132	Sourav Sarkar		Assessment of anti-inflammatory and anti-arthritis properties of equisetum diffusum d. Don whole plant methanolic extract as a complementary medication in rheumatoid arthritis.
ISESFEC/23/P-133	Richa Dhakal		Role of Non-Mulberry Silkworm Pupae Oil in Lipid metabolism
ISESFEC/23/P-135	Chanam Melody Devi		Evaluation of the antioxidant, anti-inflammatory and anti-arthritis potential of essential oil (nerolidol) by in vitro and in vivo analysis

ISESFEC/23/P-136	Debabrata Modak	Revealing anti-rheumatoid properties of <i>Drynaria quercifolia</i> rhizome methanolic extracts combining experimental and molecular docking strategies
ISESFEC/23/P-137	Rupamoni Thakur	GC-MS based untargeted metabolite profile, phytochemical analysis and in vitro antioxidant activity of the methanolic extract of <i>Solanum indicum</i> fruit
ISESFEC/23/P-138	Sangeeta Saikia	Phytochemical properties of selected four plant extracts used traditionally and phytosome formulation
ISESFEC/23/P-139	Dipshikha Gogoi	Development of Herbal Formulation Database
ISESFEC/23/P-140	Nazim Uddin Afzal	Can vitamin D and K co-supplementation help to reduce obesity better than individual?
ISESFEC/23/P-142	Priyanka Gogoi	PGPR mediated induction of systemic resistance in Bhut Jolokia ( <i>Capsicum chinense</i> Jacq.) Against collar rot disease
ISESFEC/23/P-143	Rejuan Islam	Studies on the effect of <i>Abutilon indicum</i> (L.) Sweet seed extract on insulin-resistance caused polycystic ovarian syndrome in wistar rats
ISESFEC/23/P-144	Sam Alex	Phytochemical profiling and anti-diabetic efficacy of <i>Antidesma alexiteria</i> L. - an endemic plant to southern India and Srilanka
ISESFEC/23/P-145	Parishmita Gogoi	Gut bacterial xylanase an emerging green tool from potential strain of eri silkworm ( <i>Samia ricini donovan</i> ) from North east India
ISESFEC/23/P-147	Dipal M. Gandhi	Validated HPTLC method for quantification of bioactive markers and evaluation of hepatoprotective effect of ayurvedic polyherbal formulation
ISESFEC/23/P-148	Neeta Pathaw	Comparative phyto-metabolite studies of different <i>Phlogacanthus</i> sp. And evaluation of their antioxidant and enzyme activities
ISESFEC/23/P-149	Neha Verma	Potential aspect of <i>Asimina triloba</i> methanolic extract- an anticancerous property in lung cancer cell lines
ISESFEC/23/P-150	Kanu Priya	Plant-mediated synthesis of iron nanoparticles using extract of <i>Cedrus deodar</i> and its anti-cancer activity against lung cancer
ISESFEC/23/P-151	Moirangthem Goutam Singh	Traditional fermented bamboo shoot mitigates the diversity loss of gut microbiota induced by atherogenic diet in C57BL/6ntac mice
ISESFEC/23/P-152	N. Malemnganbi Chanu	DNA barcoding of traditionally used medicinal and edible plant from North East Region of India
ISESFEC/23/P-153	Shilpa Kumari	Green synthesis of iron oxide nanoparticles from <i>Jateorhiza palmata</i> root extract
ISESFEC/23/P-154	Shanu V	Ethnopharmacological survey on the medicinal plants used by urali tribes from the periyar tiger reserve, kerala, india
ISESFEC/23/P-156	Seema Pradhan	Genomic resources in <i>Vigna radiata</i> : an important legume of india
ISESFEC/23/P-157	Asheesh Kumar	Useful insights on the cellular details of how the human body responds for coronavirus infections in the light of human proteins and genes
ISESFEC/23/P-158	Urvashi Dhiman	High throughput identification of bioactive natural products isolated from <i>Magnolia grandiflora</i> that impact human embryonic stem cell growth
ISESFEC/23/P-159	Pratikshya Sa	Piperlongumine-loaded smart polymeric nanoparticles suppress cancer progression and metastasis by regulating foxo signaling
ISESFEC/23/P-160	Saiyed Kamartaha	Antibacterial & antifungal activity of 'Majoon Najah': a classical unani formulation

ISESFEC/23/P-161	Dipanwita Banik	CSIR-NEIST herbarium, a national repository of more than half a century aiding in the correct identification of plants
ISESFEC/23/P-165	Paran Baruah	Therapeutic potential of bioactive compounds from the Edible Mushroom to Attenuate SARS-COV-2 Infection and Complications in Coronavirus Disease.
ISESFEC/23/P-166	Lutrika Moirangthem	Headspace GCMS analysis and phytochemical profiling from the leaves of <i>Perilla frutescens</i> (L.) Britton.
ISESFEC/23/P-168	Zohra Batool	Exploration of ethnomedicinal knowledge to treat various diseases prevalent in the region of Ladakh
ISESFEC/23/P-169	Sweetey Parmar	Anti-pathogenic potential of a polyherbal formulation Enteropan® against <i>Staphylococcus aureus</i> and multidrug resistant <i>Pseudomonas aeruginosa</i>
ISESFEC/23/P-171	Angamba Meetei Potshangbam	Medpserver 2.0. A cadd and machine learning approaches for therapeutic targets and novel natural product lead discovery.
ISESFEC/23/P-172	Archana Naik	Bioanalytical method development for simultaneous estimation of herbal drugs and its application for bioavailability studies
ISESFEC/23/P-173	Kavya Bangera	Formulation and standardization of orodispersible tablets containing extracts of <i>Glycyrrhiza glabra</i> and <i>Curcuma longa</i>
ISESFEC/23/P-175	Nandeibam Samarjit Singh	Ethnomedicinal use of animals and animal products by the Meitei community in Manipur, North East India
ISESFEC/23/P-176	Thangjam Surchandra Singh	Nutraceutical properties of fruit extract of <i>Myrica esculenta</i> an underutilized fruit of North east India
ISESFEC/23/P-177	Dinesh Kumar Yadav	Synthetic trioxanes having potential antimalarial activity against multidrug-resistant plasmodium <i>Yoellii nigeriensis</i> in a swiss mice model
ISESFEC/23/P-184	Mahendra Kumar Chouhan	“DNA fragmentation and anti-angiogenesis potential of ethnomedicinal plant from western ghats”
ISESFEC/23/P-189	Tanumoy Chatterjee	Phytochemical evaluation and in-vitro $\alpha$ -glucosidase enzyme inhibitory activity of <i>Houttuynia cordata</i> thunb
ISESFEC/23/P-191	Okram Ronibala Devi	In vitro antioxidant activity, phytochemical screening and hptlc fingerprint of <i>Eupatorium birmanicum</i> DC.

### POSTER PRESENTATIONS SESSION III : 03:00 AM – 5:00 PM

<b>Evaluators</b>	<p><b>Prof. Gunter Vollmer</b>, Emeritus Professor, Faculty of Biology, Dresden University of Technology, Germany</p> <p><b>Prof. Satyajit D. Sarker</b>, Director, School of Pharmacy and Biomolecular Sciences, Liverpool John Moores University, Liverpool, United Kingdom</p> <p><b>Mr. Prabir Banerjee</b>, EC Member, Society for Ethnopharmacology, Kolkata, India</p> <p><b>Dr. Prasanna Kumar Patra</b>, Department of Anthropology, Utkal University, Vani Vihar, Bhubaneswar, Odisha</p> <p><b>Dr. K. Ojit Singh</b>, Project Scientist, IBSD, Imphal, Manipur, India</p> <p><b>Dr. Asis Bala</b>, IASST, Guwahati, Assam, India</p> <p><b>Khaidem Kennedy Singh</b>, Research Associate, IBSD, Imphal, Manipur, India</p> <p><b>Dr. M. Anuradha</b>, Project Scientist, IBSD, Imphal, Manipur, India</p> <p><b>Smt. H. Jina Sharma</b>, DST, Manipur, India</p> <p><b>Dr. Surendra Kumar Jain</b>, Director, Truba College of Pharmacy, Bhopal</p>
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Abstract no	Presenting Author	Title of abstract
ISESFEC/23/P-192	Rikesh Mangang	Traditional dietary practice to control acidity and stomach related problems of meitei community
ISESFEC/23/P-193	Premi Devi Pukhrambam	RNA sequencing and transcriptome assembly of <i>Polygonum posumbu</i> to identify genes involved in flavonoid biosynthesis pathway

ISESFEC/23/P-194	Sumi Pait	Antioxidant and anti-glycation potentials of different plant parts viz., pulp, inflorescence, pseudostem and root of <i>Musa balbisiana</i> Colla
ISESFEC/23/P-195	Pragati Singh	Antioxidant activity and chemical characterization of <i>Bunium persicum</i> seeds extract
ISESFEC/23/P-196	Deepsikha Swargiary	Bioactive fraction of <i>Phyllanthus niruri</i> L. Enhances free radical scavenging activity and stimulates glucose uptake through SIRT1 induction followed by GLUT4 translocation in C <sub>2</sub> C <sub>12</sub> myotubes and streptozotocin induced Wistar rats
ISESFEC/23/P-197	Alaka Sahoo	Ethnomedicinal treatment approach against oral lichen planus: a case-series study in a tertiary care teaching hospital
ISESFEC/23/P-198	Devi Basumatary	Role of <i>G. Morella</i> (Gaertn.) Desr. Marker compounds in preventing disrupted intestinal barrier integrity in CACO-2 cells.
ISESFEC/23/P-199	Semim Akhtar Ahmed	Xanthosine, a purine glycoside ameliorates hyperglycemia via the AMPK/AKT/GSK3 $\beta$ signaling pathways in type 2 diabetic rats and CC1 hepatocytes
ISESFEC/23/P-201	Abhipsha Saikia	Anti-diabetic potential of <i>Vitex negundo</i> L. By modulating hepatic Glucose homeostasis in CC1 hepatocytes
ISESFEC/23/P-202	Pranamika Sarma	Evaluation of the therapeutic effect of <i>Leucaena leucocephala</i> . (Lam.) De Wit. In the regulation of insulin resistance associated oxidative stress in C <sub>2</sub> C <sub>12</sub> muscle cell
ISESFEC/23/P-203	Md Yunus Sheikh	Anti-diabetic and anti-oxidant activities of some selected medicinal plants used by ST/SC communities of the North East India
ISESFEC/23/P-204	Auromira Khuntia	Reprogramming tumor associated macrophages towards a tumoricidal M1-like phenotype with phytochemical loaded mannose coated GMO-mnps (Phyto@Man-GMO-mnps) for cancer immunotherapy
ISESFEC/23/P-205	Susmita Nath	Future Strategies for the Advancement of Ethno-medicines for the Treatment of Scorpion Stings
ISESFEC/23/P-206	Birendra Kumar	Stability analysis for major economic traits in <i>Uraria picta</i> - a critically endangered medicinal plant
ISESFEC/23/P-207	Robinson C. Jose	Intrinsic grain characteristics of black rice protect it from false-smut of rice ( <i>Oryza sativa</i> L.) Even under favorable conditions for <i>Ustilaginoidea virens</i>
ISESFEC/23/P-208	Thangjam Kanchal	Novel Paraclostridium spp. With potential industrial applications from Ngari -a fermented food of Manipur
ISESFEC/23/P-209	Ningthoujam Singthoi Singh	Production of Xylan and Xylo-Oligoscharides as a prebiotics from rice straw residues of Manipur
ISESFEC/23/P-211	Pyari Payal Beura	Phytochemical profiling and ftir analysis of <i>Ixora coccinea</i> crude extract from munda communities of sambalpur district of Odisha
ISESFEC/23/P-212	Amruta Balekundri	Quality assessment and HPTLC fingerprinting of talisadi churna a classical Ayurvedic preparation
ISESFEC/23/P-213	Md Anzar Alam	Understanding Disease of Children by Avicenna
ISESFEC/23/P-214	Himshikha Gusain	Review on potential, prospects and research needs of a rare medicinal plant Shyonak ( <i>Oroxylum indicum</i> ) in Indian subcontinent
ISESFEC/23/P-215	Laishram Shandyarani Devi	Anti-obesity effect of cinnamom extract using zebrafish models
ISESFEC/23/P-216	Rishikesh Chakor	Bioautography guided isolation and characterization of major phytoconstituents from <i>Psoralea corylifolia</i> Linn.

ISESFEC/23/P-217	Maibam Chanu	Beebina	Antidiabetic activity and subacute toxicity study of <i>Schima wallichii</i> (DC.) Korth
ISESFEC/23/P-220	Dinesh Kumar		Tissues specific metabolomics study of <i>Trillium govanianum</i> Wall. Ex D. Don
ISESFEC/23/P-224	Athokpam Pinokiyo		Phytosociological study of the ethnomedicinally significant wetland plants from thanga area, Manipur, NE., India
ISESFEC/23/P-225	Chirom Martina		Insight into legumes and associated rhizobia for enhanced crop production and soil fertility
ISESFEC/23/P-226	Premchandra Oinam		New reports on the ethnomedicinal use of <i>Actinostemma tenerum</i> and <i>Hydrocharis dubia</i>
ISESFEC/23/P-227	Momota P		Exploring the unexplored endophytes from cereal crops and its biotechnological applications
ISESFEC/23/P-228	Ch. Umabati Devi		Therapeutic potential of aquatic macrophytes used as traditional salad food (singju) in the freshwater Ecosystems of canchipur, Manipur (India)
ISESFEC/23/P-231	Shasank S. Swain		Amalgamation of bioprospective and combinatorial drug chemistry to develop novel 'isoniazid-phytochemical' hybrid drugs against <i>Mycobacterium tuberculosis</i>
ISESFEC/23/P-232	Heisnam Devi	Rameshwari	Tolypothrix column fraction exhibits anti-cancer efficacy against human cervical cancer cells due to G0/G1 cell cycle arrest and caspase-3-dependent cell death.
ISESFEC/23/P-233	Nonibala Gurumayum		Effect of <i>Musa balbisiana</i> seed on brain and liver redox imbalance and intestinal barrier dysfunction induced by D-galactose in rats
ISESFEC/23/P-234	Saavedra-Rodríguez Roberto		Ethnomedicine used for hemorrhages among williche people
ISESFEC/23/P-235	Narges Tajik		Ali ibn Sahl Rabban al-Tabari " A graduated of the Indian School of Medicine"
ISESFEC/23/P-236	Shivankar Agarwal		Phytoconstituents and antimicrobial activity of <i>Gardenia resinifera</i> flower extract
ISESFEC/23/P-237	Himakshi Sharma		Unravelling the Mechanism of Protein-Protein Interactions in Selected Viral Diseases and Breast Cancer
ISESFEC/23/P-238	Atom Annupama Devi		Bioeconomy from banana biowaste
ISESFEC/23/P-239	Charulata T. Nemade		Anti-asthma activity and phytoconstituents analysis of <i>Quisqualis indica</i> extracts in mice
ISESFEC/23/P-240	Dipayan Ghosh		Standardization and Quality Control Evaluation of Herbal Drugs for Assessments of Indian Traditional Herbal Medicines
ISESFEC/23/P-241	Gayatri Gogoi		Phytochemistry and therapeutic potential of <i>Piper peepuloides</i> roxb.
ISESFEC/23/P-242	Bashir Ahmad lone		Discovery of Two New Furostane type Steroidal Saponins from Rhizomes of <i>Trillium Govanianum</i> and their Potential to treat Lung and Colon Cancer.
ISESFEC/23/P-243	Masoom Saikia		The Nutritional and Anti-Hyperglycaemic Activity of The Edible Insect <i>Brachytrupes Orientalis</i>
ISESFEC/23/P-244	Sukanya Borthakur		Nutritional and antioxidant property of <i>Oecophylla smaragdina</i> : a traditional edible insect of n.e. India
ISESFEC/23/P-245	Dipanneeta Das Gupta		Valorisation of Bio-Wastes Generated From Indian Silk Industry for Development of Economically Viable Products
ISESFEC/23/P-246	Desh Deepak Pandey		Chemical and biological evaluation of herbal drug <i>Caesalpinia bonducella</i>
ISESFEC/23/P-247	Saakshi Saini		Ayurvedic polyherbal formulation induces anti-anxiety activity in hippocampal neurons by effectuating SOD2 mediated protection against oxidative stress.



ISESFEC/23/P-248	Ruksana Ahmed	Sultana	The Nutritional And Antioxidant Potential of <i>Vespa affinis</i> L.: A Traditional Edible Insect of North East India
ISESFEC/23/P-249	Chandrachur Ghosh		Role of monosaccharides present in indian honey in stimulating hepatic glucose uptake in type 2 diabetes mellitus by regulating chrebp/glut4 axis.
ISESFEC/23/P-250	Nikysana Mayengbam		Therapeutic Potential of Bamboo Shoots: A Systematic Review
ISESFEC/23/P-251	Khalida Shahni		Neutraceuticals Potential of Fermented Foods: A Systematic Review
ISESFEC/23/P-254	Namit Kudatarkar		Role of chrysin nanoformulation in cytotoxicity study of Colon cancer
ISESFEC/23/P-255	Vandana Kumari		Metabolomics study of <i>Ajuga parviflora</i> with anti-obesity and antidiabetic activity
ISESFEC/23/P-256	Rituparna Pal		Evaluation of in vitro anti-cancer activity of different extracts of mangrove from Bhitarkanika, Odisha
ISESFEC/23/P-257	Maria Adhikary		<i>In silico</i> identification and molecular characterization of flavonoid biosynthetic genes and their expression analysis in wheat ( <i>triticum aestivum</i> L.) During leaf rust infection
ISESFEC/23/P-260	Isfaqu Hussain		Optimization of broth culture of <i>D. nodosus</i> under aerobic condition and development of a serogroup B specific footrot vaccine
ISESFEC/23/P-262	Ashutosh Mishra		Ichthyofaunal Diversity of Lesser Himalayan River and Its Bioeconomic Importance
ISESFEC/23/P-263	N. N. Pandey		Use of Herbs for Gonadal Maturity and Breeding of Himalayan Snow Trout Fish
ISESFEC/23/P-264	Sumit Kumar		Breeding and Seed Production of Labeo Dero
ISESFEC/23/P-266	S. L. Nonglait		Utility of Meghalaya's traditional medicine in the treatment of kidney stones disease
ISESFEC/23/P-267	Nrip Kishore Pankaj		Antimotility, anti-diarrheal and antibacterial activities of hydroalcoholic extract of <i>Cordia dichotoma</i> leaves in Wistar rat
ISESFEC/23/P-268	Rakesh Kumar		Introduction of low chilling varieties of apple ( <i>Malus domestica</i> borkh.) In North east India
ISESFEC/23/P-269	Aditi Sharma		Organic production technology of <i>Mentha piperita</i> : a silver lining to increase farmer's income in the himalayan region
ISESFEC/23/P-270	Z. A. Kashoo		Occurrence and Genetic Diversity of <i>Mycobacterium avium</i> subsp. paratuberculosis in Yak and Double Humped Camel from Western Himalayas
ISESFEC/23/P-271	Zahoor A. Baba		Potential psychrophilic mineral solubilizing bacterial strains for reducing chemical fertilizer use in north western Himalayas
ISESFEC/23/P-272	Norden Lepcha		Monitoring invasive alien plant species and exploring value-added products for community-based entrepreneurs in the Darjeeling and Kalimpong districts of West Bengal, India
ISESFEC/23/P-273	Iqtab Wani		Holistic evaluation of lignocellulosic invasive species biomass for bioenergy production using proximate and compositional studies

**HALL-4 (NAKUPI): e-Presentation Session  
(10:00 AM - 01:00 PM)**

**Evaluators:**

**Dr Sanjay M Jachak**, Coordinator Mohali Local Chapter, SFE & Professor, Department of Natural Products, NIPER, Mohali, India

**Dr Pramod J. Hurkadale**, Coordinator, Belgaum, Local Chapter, SFE & Head-Pharm. Biotechnology, KLE University, Belgaum, Karnataka, India

**Prof. K. Mruthunjaya**, Coordinator, Mysuru, Local Chapter, SFE & Head, Dept. of Pharmacognosy JSS College of Pharmacy, JSS Academy of Higher Education and Research, Mysuru, India

**Dr. J K Shukla**, *Scientist-E, IBSD, Imphal, India*

**Dr. Chandana Barua**, Coordinator, Guwahati, Local Chapter, SFE & Professor, Dept. of Pharmacology & Toxicology College of Veterinary Science, Khanapara, Guwahati, India

**Dr. Sagar K. Mishra**, Associate Professor, Utkal University, Odisha, India

Abstract No	Presenting Author	Title of Abstract
ISESFEC/23/P-014	Shivangi Borkotoky	Phytochemical Characterization and Evaluation of Antioxidant, Cytotoxic, Antimicrobial and Anti-biofilm activities of <i>Sphaerostephanos unitus</i> (L.) Holtum
ISESFEC/23/P-016	Seyede Nargess Sadati Lamardic	Evaluation of sedative and hypnotic effect of <i>Paeonia daurica</i> subsp. <i>Macrophylla</i> root extracts in mice
ISESFEC/23/P-019	Weronika Skowrońska	Anti-inflammatory activity of serpylli herba on human skin keratinocytes
ISESFEC/23/P-021	Andrzej Patyra	Phytochemical characterization of siberian ginseng roots using LC-DAD-ESI-MS/MS
ISESFEC/23/P-022	Katarzyna Kupniewska	<i>Eleutherococci radix</i> – quality assessment of herbal products
ISESFEC/23/P-023	Maciej Korczak	Bilateral interactions between gut microbiota and natural products applied in anxiety and mood disorders
ISESFEC/23/P-024	Małgorzata Koftun-Jasion	Anti-inflammatory effects of natural raw materials as potential therapeutic enhancers for lipopolysaccharide-induced inflammation
ISESFEC/23/P-031	Sharareh Hekmat	Beneficial effects of <i>Urtica pilulifera</i> seed extract in enhancing folliculogenesis in the Diminished Ovarian Reserve (DOR) model in Balb/c mice
ISESFEC/23/P-032	Mayuri S. Kale	Isolation and characterization of therapeutically important furocoumarins from the seeds of traditional medicinal plant <i>Psoralea corylifolia</i>
ISESFEC/23/P-035	Vrushali Pawar	Formulation and in vivo evaluation of herbal emulgel for wound healing activity
ISESFEC/23/P-049	Swati Korake	Design and development of nanoparticulate drug delivery system for cancer
ISESFEC/23/P-054	Shivangi J. Patel	Trikatu, an Ayurvedic Remedy for Breast Cancer.
ISESFEC/23/P-061	Syedeh mahnaz Karimi	Anti-osteoporotic effect of <i>Pistacia atlantica</i> Desf. Oleo-gum-resin and its nanocapsulated on biomechanical properties and bone density in ovariectomized rats
ISESFEC/23/P-063	Aaditi Kamble	Stability indicating assay method development and validation for analysis of lutein by HPTLC
ISESFEC/23/P-067	Shruti V. Kolambkar	Formulation, design, and optimization of chewable tablet from traditional plants for sore throat

ISESFEC/23/P-068	Rohini R. Kulkarni	Analytical method development and validation for simultaneous estimation of myo-inositol and d-chiro inositol in pharmaceutical dosage form
ISESFEC/23/P-069	Hemangi Chaudhari	Development and validation of stability indicating assay method for estimation of lumefantrine in bulk and tablets
ISESFEC/23/P-078	Sunil Kumar	Efficacy of local bioresources for augmenting reproductive efficiency and health in pigs
ISESFEC/23/P-080	Anushka Bakore	HPTLC based standardization and network analysis of poly herbal formulation used in the management of rheumatoid arthritis
ISESFEC/23/P-085	Sumit Gunjal	Design oriented formulation development of nanosponges of tenofovir disoproxil fumarate based hydrogel
ISESFEC/23/P-086	Abdul Hadi Umam	Phytosome as a novel approach for herbal medicines
ISESFEC/23/P-087	Lakhyajit Borah	Therapeutic potential of genus cymbidium: a systematic review
ISESFEC/23/P-088	Manjit Mishra	Diabetic wound healing activity of herbal formulation: a systematic review
ISESFEC/23/P-099	Teodora-Cristiana Grădinaru	Top 20 of inflammation-related molecular targets of bitter tastants
ISESFEC/23/P-103	Geeti Prabha Deka	Antioxidant activity, total phenolic and total flavonoid content of extract and fractions of <i>Aerides odorata</i> Lour (Orchidaceae)
ISESFEC/23/P-104	Rosamund Jyrwa	Biochemical analysis and proximate composition of traditional beverage of Assam, India.
ISESFEC/23/P-108	Ritu Tiwari	Enrichment and metabolomic profiling of low assayed molecules - Quinic acid, Myo-inositol, and 2,4-Di-tert-butylphenol in <i>Aegle marmelos</i> fruit and leaves
ISESFEC/23/P-109	Digbijoy Nath	<i>Carica papaya</i> seed oil demonstrated promising anti-diabetic efficacy in a battery of <i>in-vitro</i> , <i>in-silico</i> , and <i>in-vivo</i> assays
ISESFEC/23/P-110	Sharvari Mulik	Marker based standardization by hptlc and in-silico network analysis of polyherbal formulation in the management of ulcerative colitis.
ISESFEC/23/P-111	Pratiksha Phand	Extraction, nutraceutical evaluation and development of granules of oyster mushroom
ISESFEC/23/P-115	Ashwini Deokar	Network pharmacology and molecular docking based approaches to explore the potential bioactive components and potential targets of <i>Saraswata ghrta</i> in the treatment of alzheimers disease

**HALL-4 (NAKUPI): e-Presentation Session  
(02:00 PM - 05:00 PM)**

**Evaluators:**

**Dr. Satyanshu Kumar**, Coordinator, Gujarat, Local Chapter, SFE & Principal Scientist Directorate of Medicinal and Aromatic Plants Research, Boriavi, Anand, Gujarat, India

**Dr. Sathiyarayanan L.**, Coordinator, Pune Local Chapter, SFE & Dept of Pharmaceutical Chemistry, Bharati Vidyapeeth University Poona College of Pharmacy, Pune, MH, India

**Dr Jatin Kalita**, Coordinator, Jorhat Local Chapter, SFE & Principal Scientist, CSIR-North East Institute of Science and Technology, Jorhat-785006, Assam, India

**Dr. Sanjeeb K Sahoo**, Scientist, Institute of Life Sciences, Bhubaneswar, India

**Dr. Prosoon K. Gupta**, Coordinator, Jammu Local Chapter, SFE & Principal Scientist, Natural Product Chemistry Division, CSIR- IIM, Jammu, India

**Dr. Rajesh Singh Pawar**, Coordinator, Bhopal, Local Chapter, SFE & Professor, TRUBA College of Pharmacy, Faculty of Pharmacy. VNS Group of Institutions, Bhopal, M.P., India

Abstract No	Presenting Author	Title of Abstract
ISESFEC/23/P-116	Niharika	Nephroprotective potential of apium graveolens and <i>Piper cubeba</i> exploring in silico, in vitro, and metabolomic approaches
ISESFEC/23/P-117	Nongmaithem Randhoni Chanu	Formulation and optimization of phytoextract loaded phytosome targeting wound
ISESFEC/23/P-119	Smruti Mukadam	In- silico study for screening of suitable phytoconstituent/s from <i>Boswellia serrata</i> for the treatment of wound healing.
ISESFEC/23/P-121	Nending Muni	Edible anomala species and its host plant as a potential source of protein and pharmacological components
ISESFEC/23/P-129	Mostafa Khursid Alam	Biochemical analysis of traditional rice beer of Arunachal Pradesh
ISESFEC/23/P-134	Sangeetha Gopal	Antibacterial and phytochemical analysis of water extracts of <i>Azadirachta indica</i> and <i>Ocimum tenuiflorum</i> leaves
ISESFEC/23/P-141	Pallab Kalita	Kolakhar- Not Just A Food Additives of Assam, India : An Introduction
ISESFEC/23/P-146	Veena Ranganathan	<i>Piper betle</i> activates nrf2-regulated antioxidant defenses, attenuates lipopolysaccharide-induced inflammation and improves survival in rotenone-induced <i>drosophila</i> model.
ISESFEC/23/P-155	Ankita G. Yelne	<i>In-vitro</i> screening of leaf extracts of <i>Kalanchoe pinnata</i> and <i>Moringa olifera</i> for anti-urolithiatic activity
ISESFEC/23/P-162	Jainee Vashi	Evaluation of polyherbal formulation on letrozole induced polycystic ovarian syndrome in experimental rat model
ISESFEC/23/P-163	Shouvik Kumar Nandy	A comparative study on <i>Tinospora cordifolia</i> (giloy) (willd.) Miers., based on folk or traditional uses
ISESFEC/23/P-164	Mohammad Sadegh Adel-Mehraban	Antioxidative and anti-inflammatory effects of hypoglycemic herbal medicines: an in vivo/in vitro systematic review
ISESFEC/23/P-167	Niusha Esmaealzadeh	The effect of freeze-dried root extract of <i>Persicaria bistorta</i> (L.) Samp on acetic acid colitis model in rat

ISESFEC/23/P-170	Chaitrali M. Bidikar	A tool for quality control: hptlc fingerprint analysis with the presence of antioxidants by effect directed activity and quantification of biomarkers in terminalia species
ISESFEC/23/P-174	Leena Chavan	Formulation and evaluation of hydrogel for sunscreen and moisturizing effect.
ISESFEC/23/P-178	Haobijam Sanjita Devi	Prospects of zebrafish as a model in the ethno-pharmacological study
ISESFEC/23/P-179	Varda Farooqui	Evaluation of anthelmintic activity of methanolic extract of <i>Cajanus cajan</i> leaves
ISESFEC/23/P-180	Humaira Fatima	Phytochemical investigation of <i>Phyllanthus acidus</i> leaves
ISESFEC/23/P-181	Ruheena Tabassum	Phytochemical investigation of <i>Pupalia lappacea</i>
ISESFEC/23/P-182	Muzayyana Khan	Determination of anti-dengue potential of prepared unani formulation: <i>habb-e-tap-e-balghami</i>
ISESFEC/23/P-183	Saleha Sultana	Phytochemical investigation of <i>Terminalia catappa</i> fruit
ISESFEC/23/P-185	Firdous Fatima	GC-MS analysis and total phenolic and flavonoid content of leaf extract of <i>Ceiba pentandra</i>
ISESFEC/23/P-186	Nabeela Hashmeen	GC-MS analysis and total phenolic and flavonoid content of <i>Syzygium cumini</i> leaf extract
ISESFEC/23/P-187	Shaziya Tabassum	Phytochemical investigation and total phenolic and flavonoid content of flower extract of <i>Bauhinia purpurea</i>
ISESFEC/23/P-188	Maham Fatima	GC-MS analysis and anthelmintic activity of methanolic extract of <i>Nigella sativa</i> seed
ISESFEC/23/P-190	Malati Salunke	Development and characterization of novel formulation of lycopene for diabetic wound healing
ISESFEC/23/P-200	Joy Nath Pegu	Traditional treatment of diabetes among of tribes in mokochung district, Nagaland, NE India
ISESFEC/23/P-210	Rohan.V Gaikwad	In-silico studies on caffeic acid phenylethyl ester (cape) against major cancer targets
ISESFEC/23/P-218	Kaveri Dhikale	Stability indicating hptlc method for estimation of <i>Vitex negundo</i> extract and its marketed formulation
ISESFEC/23/P-219	Niranjan Mali	HPTLC method development for its stability studies and antioxidant activity for estimation of <i>Aegle marmelos</i> leaves extract
ISESFEC/23/P-221	Bharti Verma	Protective effect of betulinic acid on streptozotocin induced memory dysfunction in adult zebrafish
ISESFEC/23/P-222	Nitish Kumar	Fabrication of probiotic-loaded solid lipid nanoparticles and in vitro survival in gastrointestinal conditions
ISESFEC/23/P-223	Rahul Kumar	Effect of PPAR alpha modulator ciprofibrate in aluminum chloride induced model of alzheimer's in rat
ISESFEC/23/P-229	Koushik Choudhury	Physicochemical and phytochemical screening of extracts of solanum viarum and thevetia peruviana used for diabetes by tribal people of tripura, India
ISESFEC/23/P-230	Hridya V.K.	An insight into the ethnopharmacological significances of <i>Sonneratia caseolaris</i> by isolating major compounds and its hepatoprotective efficacy with in silico methods
ISESFEC/23/P-252	Vashkar Biswa	Pcr based identification of entomopathogenic fungi <i>Cordyceps spp.</i> Found in eastern himalayan region of India

ISESFEC/23/P-253	Archana Bagre	Osmoprotective microemulsion: new insights into the ocular drug delivery
ISESFEC/23/P-258	Avijit Ghosh	Investigation of in-vitro $\alpha$ -amylase enzyme inhibitory potential and oral glucose tolerance test (ogtt) of mangrove plant <i>Ceriops decendra</i>
ISESFEC/23/P-259	Jayashree Mondal	Evaluating the hypolipidemic potential of mangiferin loaded n-succinyl chitosan-alginate grafted nanoparticles against streptozotocin induced diabetes mellitus
ISESFEC/23/P-261	Minal Mahajan	A plant lignan regulates lipid metabolism in androgen independent prostate cancer cells
ISESFEC/23/P-265	Nitin Kumar	Antibacterial activity of <i>Aegle marmelos</i> extract based novel formulation

**HALL-1 (SHIRUI): VALIDICTORY PROGRAM  
(02:00 PM - 03:30 PM)**

**Dr. Anil K Joshi**, *Director, HESCO, India*

**Dr. G. Narahari Sastry**, *Director, CSIR- North East Institute of Science and Technology (CSIR-NEIST), Jorhat, Assam, India*

**Prof. N Raj Mohan Singh**, *Vice Chancellor, DM University, Manipur, India*

**Prof. Krishnan Baskar**, *Director, IIIT Senapati, Manipur, India*

**Prof. Gunter Vollmer**, *President, ISE, Emeritus Professor, Molecular Cell Physiology & Endocrinology, Faculty of Biology, Dresden University of Technology, Germany*

**Shri. Birendra K. Sarkar**, *President, Society for Ethnopharmacology, India, Kolkata*

**Prof. Marco Leonti**, *Secretary, ISE & Department of Biomedical Sciences, University of Cagliari, Italy*

**Dr. Subhash C Mandal**, *Secretary, Society for Ethnopharmacology, India, Kolkata.*

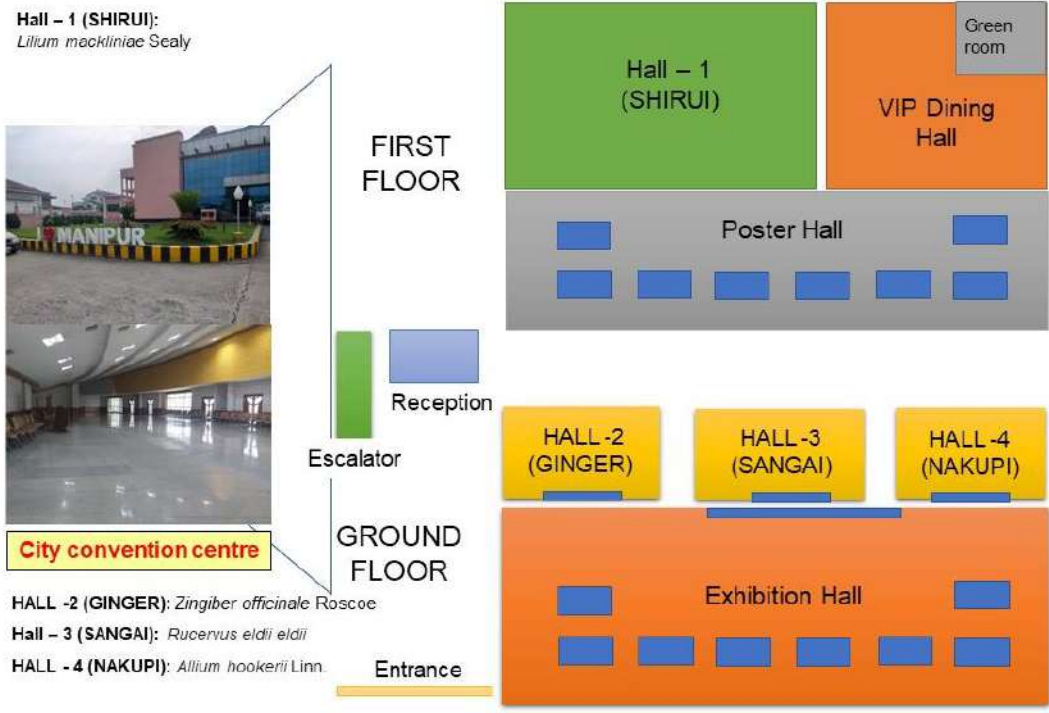
**Mr. Indraneel Das**, *Vice President, Society for Ethnopharmacology, Kolkata, India*

**Dr. Nanaocha Sharma**, *Organizing Secretary, ISESFEC 2023 & Scientist, Institute of Bioresources & Sustainable Development, Imphal, India*

**Prof. Pulok K Mukherjee**, *Chairman, ISESFEC 2023 & Director, Institute of Bioresources & Sustainable Development, Imphal, India*

**Awards for  
Young Ethnopharmacologist,  
Best Oral Presentation  
&  
Poster Presentation**

**Venue: City Convention Centre, Imphal, Manipur, India**





# International Bioresource Conclave & Ethnopharmacology Congress



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