



# SFEC 2017

## 4<sup>th</sup> International Congress of Society for Ethnopharmacology, India

Surat, Gujarat, India

February 23-25, 2017

*Healthcare in 21st century: Perspectives of  
Ethnopharmacology & Medicinal Plant Research*

Venue

**Uka Tarsadia University**

**Bardoli, Surat, Gujarat, India**

**[www.utu.ac.in](http://www.utu.ac.in)/[www.ethnopharmacology.in](http://www.ethnopharmacology.in)**

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Tentative Programme Schedule (SFEC-2017)

**Day 1: February 23, 2017 Thursday**

**REGISTRATION: 08:30 AM – 04:30 PM**

**Breakfast: 08:30 AM– 09:30 AM**

**INAUGURATION OF THE 4<sup>TH</sup> INTERNATIONAL CONGRESS OF THE SOCIETY FOR  
ETHNOPHARMACOLOGY (SFEC - 2017) &**

**ANNUAL AWARD CEREMONY OF SFE-INDIA: 09:30 AM- 11:15 AM**

**Venue: Pushpam Tarsadia Hall, Uka Tarsadia University (UTU), Bardoli, Gujarat, India**

## Keynote Lectures: Session I: 11:30 AM - 01:00 PM

### Hall 1: Pushpam Tarsadia Hall

#### Perspectives of Ethnopharmacology & Medicinal Plants in Globalized Era

##### Chairpersons:

**Prof. Dinesh R Shah**, Vice Chancellor, Uka Tarsadia University, Bardoli, Gujarat, India

**Prof. Pulok K Mukherjee**, Secretary, Society for Ethnopharmacology, India

Speaker	Title
<b>11:30 AM – 12:00 PM</b> <b>Prof. Pulok K Mukherjee</b> Secretary, SFE-INDIA & Chairman, Scientific Committee SFEC 2017	<b>Opening Remark</b> SFE India: Globalizing local knowledge localizing global technology
<b>12:00 PM - 12:30 PM</b> <b>“Pranab Banerji Oration”</b> <b>Dr. Mark Blumenthal</b> Founder & Executive Director, American Botanical Council, Austin, Texas, USA	Adulteration of Ingredients in Botanical Dietary Supplements: An Overview of the ABC-AHP-NCNPR Botanical Adulterants Program
<b>12:30 PM – 1:00 PM</b> <b>“Bisheswar Saha Oration”</b> <b>Prof. S P Thyagrajan</b> Dean (Research), Sri Ramachandra University, Porur, Chennai, India	Research in Integrative Medicine “Opportunities & Challenges”
<b>Lunch Break: 01:00 PM - 02:00 PM</b>	
<b>Keynote Lectures: Session II: 02:00 PM-04:00 PM</b>	
<b>Hall 1: Pushpam Tarsadia Hall</b>	
<b>Natural Product Based Drug Development – Opportunities and Challenges</b>	
<b>Chairpersons:</b>	
<b>Shri. B U Patel</b> , Management, Uka Tarsadia University, Bardoli, Gujarat, India	
<b>Dr. Anjan K Roy</b> , Managing Director, Ray Chemicals Pvt. Ltd., Bangalore, India	
Speaker	Title
<b>02:00 PM – 02:30 PM</b> <b>Dr. Michael Heinrich</b> UCL School of Pharmacy, University of London, UK	Healthcare in 21st Century: Ethnopharmacology, Biodiversity and Drug Development
<b>02:30 PM – 03:00 PM</b> <b>“Harihar Mukherjee Oration”</b> <b>Prof. Vd. K S Dhiman</b> Director General CCRAS, New Delhi, India	Ethnopharmacology – Past, Present and Future

**03:00 PM – 03:30 PM**

**Prof. Rudolf Bauer**

President, ISE & Institute of Pharmaceutical Sciences, University of Graz, Austria

Applications of Plant Metabolomics in Ethnopharmacological Research

**03:30 PM – 04:00 PM**

**Dr. C K Katiyar**

Emami Limited, Kolkata, India

Development of Phytopharmaceutical Drugs

**Plenary Lectures: Session III: 02:00 PM-04:00 PM**

**Hall 2: Manjula Hall**

**Ethnobotanical and Pharmacological Study of Medicinal Plants: Present Scenario**

**Chairpersons:**

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

**Dr. Shailesh A Shah**, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, Gujarat, India

**02:00 PM – 02:20 PM**

**Dr. Puthiyaparambil Josekutty**

Birdwood Nursery,  
Blackall Range Road,  
Woombye, Australia

Current Trends in the Propagation and Conservation of Medicinal Plants

**02:20 PM – 02:50 PM**

**“SFE-ZANDU Oration”**

**Dr. Surinder Kumar Sharma**

Ex-Advisor Ayurveda, Department of AYUSH  
Ministry of Health, Gurgaon, India

Strengths, Significance & Scientific Basis of Ayurvedic Dosages Forms with Special Reference to Asava- Arishta

**02:50 PM – 03:10 PM**

**Dr. T K Mukherjee**

Ex-Scientist, CSIR- NISCAIR,  
New Delhi, India

Scientific Documentation of Traditional Knowledge

**03:10 PM – 03:30 PM**

**Dr. P Manivel**

Directorate of Medicinal Aromatic Plants  
Research (DMAPR-ICAR ), Boriavi, Anand,  
Gujarat, India

Medicinal Plant Breeding: Where Do We Stand?

**Break: 04:00 PM – 04:10 PM**

**Panel Discussion: Session IV: 04:10 PM-06:10 PM**

**Hall 1: Pushpam Tarsadia Hall**

**Promotion of Ethnopharmacology and Traditional Health Practices**

**Chairpersons:**

**Dr. Rabindra Debnath**, Director, Bharat consortium Institute, Uluberia, Howrah, India

**Dr. Ganga Rao Battu**, University College of Pharmaceutical Sciences, Andhra University, Visakhapatnam, India

**Dr. G Hariramamurthi**, Trans Disciplinary University, Bangalore, Karnataka, India

**Dr. Jayram Hazra**  
Director,  
NRIADD, Kolkata, India

**Dr. Pratim Banerji**  
MD & CEO,  
Ulysses Research Foundation, Kolkata, India

**Dr. Lalit Narayan**  
Deputy Director, Medicinal Plants,  
National Medicinal Plant Board (NMPB)  
Ministry of AYUSH, Govt. of India  
New Delhi, India

**Mr. Birendra K Sarkar**  
MD & CEO,  
Parker Robinson Pvt. Ltd., Kolkata, India

**Prof. Dr. Minoo Parabia**  
Former Head Dept of BioScience & Dean, Veer  
Narmad South Gujarat University, Surat,  
Gujarat, India

**Dr. Prakash R Itankar**  
Dept of Pharmacy, RTM Nagpur University,  
Nagpur, India

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

**Vd. Shuklal**  
Traditional Health Practitioner,  
Dhanbad, Jharkhand, India

**Vd. Subhas Tadse**  
Traditional Health Practitioner,  
Gadchiroli, Maharashtra, India

**Prof. Pulok K Mukherjee**  
Director,  
School of Natural Product Studies,  
Jadavpur University, Kolkata, India

**Prof. Rudolf Bauer**  
President, ISE &  
Institute of Pharmaceutical Sciences,  
University of Graz, Austria

**Dr. Michael Heinrich,**  
UCL School of Pharmacy,  
University of London, UK

**Dr. S Rajan**  
Central Council for Research in Homoeopathy,  
Department of AYUSH, Ministry of Health & Family  
Welfare, Govt. of India, Nilgiri, Tamil Nadu, India

**Dr. Motlalepula G Matsabisa**  
IKS Lead Programme,  
University of the Free State, South Africa

**Dr. Sathiyarayanan L**  
Bharati Vidyapeeth University,  
Poona College of Pharmacy, Pune, Maharashtra,  
India

**Shri. Shirish Chandra Agrawal**  
Addl. P.C.C.F,  
Government of Chhattisgarh, India

**Prof. Ramar Krishnamurthy**  
C. G. Bhakta Institute of Biotechnology,  
Uka Tarsadia University Bardoli, Bardoli, Gujarat,  
India

**Vd. Shridhar Desai**  
Traditional Health Practitioner,  
Uttar Kannada, Karnataka, India

## ORAL PRESENTATION

**Session I: SECTION A (Ethnopharmacology): 02:00 PM – 06:00 PM (J.D.Hall)**

**(Abstract No. SFEC-17/OP/001A - SFEC-17/OP/025A)**

**Session II: SECTION B (Medicinal Plant Research): 04:00 PM – 06:00 PM (Manjula Hall)**

**(Abstract No. SFEC-17/OP/001B - SFEC-17/OP/015B)**

**POSTER PRESENTATION**

**Session I & II: SECTION A (Ethnopharmacology): 02:00 PM– 06:00 PM (Poster Hall 1)**  
**(Abstract No. SFEC-17/PP/001A - SFEC-17/PP/080A)**

**Session III & IV: SECTION B(Medicinal Plant Research): 02:00 PM – 06:00 PM (Poster Hall 2)**  
**(Abstract No. SFEC-17/PP/001B - SFEC-17/PP/080B)**

**CULTURAL PROGRAMME: 06:00 PM – 07:30 PM**

**DINNER 07:30 PM – 09:30 PM**

**Day 2: February 24, 2017 Friday**

**Breakfast 08:30 AM – 09:30 AM**

**Keynote Lectures: Session V: 09:30 AM - 11:00 AM**

**Hall 1: Pushpam Tarsadia Hall**

**Ethnopharmacology, Ethnomedicine and Synergy Research: Global perspectives**

**Chairpersons:**

**Dr. Ramar Krishnamurthy**, Dean, Uka Tarsadia University, Bardoli, Gujarat, India

**Mr. Birendra K Sarkar**, Vice President, Society for Ethnopharmacology, India

<b>Speaker</b>	<b>Title</b>
<b>09:30 AM – 10:00 AM</b> <b>“SFE - T. Sen Oration ”</b>	
<b>Dr. Motlalepula G. Matsabisa</b> IKS Lead Programme, University of the Free State, Bloemfontein, South Africa	PHELA Reversed Cyclophosphamide-Induced Suppression of IgG And IgM in a Rat Model
<b>10:00 AM – 10:30 AM</b> <b>Prof. Gudrun Ulrich-Merzenich</b> University Clinic Centre Bonn, Bonn, Germany	Methods to Assess Synergy
<b>10:30 AM – 11:00 AM</b> <b>Dr. Debprasad Chattopadhyay</b> Regional Medical Research Centre, Indian Council of Medical Research, Belgaum, Karnataka, India	Drug Development: A Journey from Tradition to Translation

**Break 11:00 AM - 11:10 AM**

**Plenary Lectures: Session VI: 11:10 AM - 01:20 PM**

**Hall 1: Pushpam Tarsadia Hall**

**Techniques in Medicinal Plant research from Natural Resources**

**Chairpersons:**

**Prof. Rudolf Bauer**, President, International Society for Ethnopharmacology

**Prof. Milind J Umekar**, Principal, S.K.B.College of Pharmacy, Kamptee, Nagpur, India

<b>Speaker</b>	<b>Title</b>
<b>11:10 AM – 11:40 AM</b> <b>“P K Debnath Oration”</b> <b>Dr. Sayeed Ahmad</b> Department of Pharmacognosy and Phytochemistry, Jamia Hamdard University, New Delhi, India	Drug Discovery from Natural Resources for Dengue Fever Related Thrombocytopenia
<b>11:40 AM – 12:00 PM</b> <b>Dr. G Geetha Krishnan</b> Medanta Department of Integrative Medicine & Holistic Therapies, Medanta-The Medicity, Gurgaon, India	Designing Clinical Trials for Ayurveda based Drug Leads
<b>12:00 PM – 12:20 PM</b> <b>Prof. Rajib Bandyopadhyay</b> Department of Instrumentation and Electronics, Engineering, Jadavpur University, Salt Lake Campus, Kolkata, India	Non-invasive Quality Assessment of Medicinal Plants: Application of Spectroscopic Methods
<b>12:20 PM – 12:40 PM</b> <b>Dr Rawiwan Charoensup</b> Department of Applied Thai Traditional Medicine, School of Health Science, Mae Fah Luang University, Thailand	Medicinal Plants Used by Traditional Healers in Chiang Rai Province, Thailand
<b>12:40 PM – 01:00 PM</b> <b>Dr. Shailesh A Shah</b> Maliba Pharmacy College, Uka Tarsadia University, Bardoli, Gujarat, India	Standardization and Quality Control of Indian High Demand Medicinal Plants
<b>01:00 PM – 01:20 PM</b> <b>Prof. M N Saraf</b> Bombay College of Pharmacy, Kalina, Mumbai, India	Reverse Pharmacological Approach in Drug Discovery & Development

**Plenary Lectures: Session VII: 11:10 AM-01:10 PM**

**Hall 2: Manjula Hall**

**Trends in Medicinal Plant Research: Global Scenario**

**Chairpersons:**

**Dr. Jayram Hazra**, Director, National Research Institute of Ayurvedic Drug Development, CCRAS, Kolkata, India

**Prof. Marcello Iriti**, Milan State University, Italy

Speaker	Title
<b>11:10 AM – 11:30 AM</b> <b>Prof. Marcello Iriti</b> Department of Agricultural and Environmental Sciences, Faculty of Agricultural and Food Sciences, Milan State University, Italy	<i>Achillea moschata</i> , a Case Study of Alpine Ethnobotany
<b>11:30 AM – 11:50 AM</b> <b>Prof. Partha Roy</b> Department of Biotechnology Indian Institute of Technology Roorkee Roorkee, India	Biological Activity of a Novel Pterostilbene Derivative acting at various Pathways for Inhibiting Multiple Complications Related to Breast and Prostate Cancer
<b>11:50 AM – 12:10 PM</b> <b>Prof. N Udupa</b> College of Pharmaceutical Sciences Manipal, Karnataka, India	Standardized Herbal Extracts; Health Promotors for The Future
<b>12:10 PM – 12:30 PM</b> <b>Prof. Dr. Kambizi Learnmore</b> African centre for Herbal research, Cape Peninsula Univeristy of Technology, Cape Town, South Africa	Antibacterial and Antioxidant Properties of Some Medicinal Plants Used for Treating Skin Infections in the Eastern Cape Province, South Africa
<b>12:30 PM – 12:50 PM</b> <b>Dr. Mamta Shah</b> Department of Pharmacognosy, L M College of Pharmacy, Ahmedabad, India	Approaches in Medicinal Plant Research
<b>12:50 PM – 01:10 PM</b> <b>Dr. David A Animasaun</b> Department of Plant Science, Faculty of Life Sciences, University of Illorin, Nigeria	The Non-Documented Life Enhancer: the Case of Under-Utilized Nigeria Medicinal Plant Resources

**ORAL PRESENTATION**

**Session III: SECTION A (Ethnopharmacology): 09:30 AM – 01:00 PM (J.D.Hall )**

**(Abstract No. SFEC-17/OP/026A - SFEC-17/OP/050A)**

**Session IV: SECTION B (Medicinal Plant Research): 09:30 AM – 11:00 AM (Manjula Hall)**

**(Abstract No. SFEC-17/OP/016B - SFEC-17/OP/025B)**

## POSTER PRESENTATION

**Session V&VI: SECTION A(Ethnopharmacology): 10:00 AM – 01:00 PM (Poster Hall 1)**  
**(Abstract No. SFEC-17/PP/081A - SFEC-17/PP/160A)**

**Session VII: SECTION B (Medicinal Plant Research): 10:00 AM – 01:00 PM (Poster Hall 2)**  
**(Abstract No. SFEC-17/PP/081B - SFEC-17/PP/120B)**

**LUNCH BREAK: 01:00 PM-02:00 PM**

**Plenary Lectures: Session VIII: 02:00 PM-03:40 PM**

**Hall 1: Pushpam Tarsadia Hall**

**Exploring Medicinal Plants – Ethnopharmacological Approach**

### **Chairpersons:**

**Dr. B S Alabi**, Director, Central Research Development (CRDIT), University of Ilorin, Ilorin, Nigeria

**Dr. Debprasad Chattopadhyay**, Director, RMRC, ICMR, Belgaum, India

<b>Speaker</b>	<b>Title</b>
<b>02:00 PM – 02:20 PM</b> <b>Dr. Shilpi Paul</b> Science and Education Research Board, Department of Science & Technology, Govt. of India, New Delhi, India	Secondary Metabolites Synthesis in Selected Medicinal Plants Under Various Environmental Conditions of Indian Himalayan Region: Terpenes and Lignans
<b>02:20 PM – 02:40 PM</b> <b>Dr. Chandana Barua</b> Department of Pharmacology & Toxicology, College of Veterinary Science, Khanapara, Guwahati, Assam, India	Plants with Neurobiological Activity as a Potential Source of Drugs for Future
<b>02:40 PM – 03:00 PM</b> <b>Dr. Chamundeeswari D</b> Faculty of Pharmacy, Sri Ramachandra University, Porur, Chennai, India	Systematic and Scientific Investigation for Deriving the Mechanism of Action of <i>Albizia Procera</i> Extract for Anti Inflammatory Condition in Complete Freund's Adjuvant Induced Arthritic Rats
<b>03:00 PM – 03:20 PM</b> <b>Dr. Te Kian Keong</b> Department of Chinese Medicine, Universiti Tunku Abdul Rahman, Selangor D.E., Malaysia	Drug Resistance and Traditional Medicine
<b>03:20 PM – 03:40 PM</b> <b>Dr. J P Yadav</b> Department of Genetics, Maharshi Dayanand University, Rohtak, Haryana, India	Phytochemical Diversity Documentation and Evaluation of Efficacy of <i>Aloe vera</i> from Different Climatic Regions of India

**Break: 04:00 PM – 04:10 PM**



**Plenary Lectures: Session IX: 02:00 PM - 04:00 PM**

**Hall 2: Manjula Hall**

**Integrative approach in healthcare – Role of medicinal plants**

**Chairpersons:**

**Dr. V Ravichandiran**, Director, National Institute of Pharmacy Education & Research, Kolkata, India

**Dr. Acheenta Gohain Barua**, Aassam Agricultural University, Guwahati, Assam, India

Speaker	Title
<b>02:00 PM – 02:20 PM</b> <b>Prof. Oyunbileg Yungeree</b> Laboratory of Plant Biotechnology, Institute of General and Experimental Biology, Ulaanbaatar, Mongolia	Tissue Cultured Plants used in Traditional Mongolian Medicine
<b>02:20 PM – 02:40 PM</b> <b>Prof. Temidayo Oladiji</b> Central Research Development and In-House Training, University of Illorin, Nigeria	Iron Deficiency Anaemia: African Herbs to the Rescue
<b>02:40 PM – 03:00 PM</b> <b>Dr. Sathiyarayanan L</b> Bharati Vidyapeeth University, Poona College of Pharmacy, Pune, Maharastra, India	Herb-Drug Interaction – Research facts and challenges
<b>03:00 PM – 03:20 PM</b> <b>Dr. Bernd Merzenich</b> AG Synergy Research and Experimental Medicine, University Clinic Centre Bonn, Germany	Current Liquid Dispensing Technologies and their Relevance for Drug Development
<b>03:20 PM – 03:40 PM</b> <b>Prof. Minoo Hiraji Parabia</b> Department of Biosciences, Veer Narmad South Gujarat University, Surat, India	Role of Ethnobotanical Studies in Ethnopharmacological Research
<b>03:40 PM – 04:00 PM</b> <b>Prof. Veena Sharma</b> Department of Bioscience and Biotechnology, Banasthali University, Rajasthan, India	Protective Effects of <i>Allium sativum</i> Against Lead Induced Toxicity

**Break: 04:00 PM – 04:10 PM**

## Plenary Lecture: Session X: 04:10 PM-05:30 PM

### Hall 1: Pushpam Tarsadia Hall

#### Conservation and Propagation of Medicinal Plants

##### Chairpersons:

**Dr. David A Animasaun**, Department of Plant Science, Faculty of Life Sciences, University of Illorin, Nigeria

**Dr. Subarna Roy**, Regional Medical Research Centre, ICMR, Belgavi, India

Speaker	Title
<b>04:10 PM – 04:30 PM</b> <b>Dr. Ravinder Raina</b> Medicinal Plants Association of India, Department of Forest Products, Dr. YSP University of Horticulture & Forestry, Solan, Himachal Pradesh, India	Exploring Inherent Characters of Endangered Medicinally Important Plants of Temperate Himalaya for Sustainable Utilization
<b>04:30 PM – 04:50 PM</b> <b>Prof. Somenath Roy</b> Department of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India	Ameliorative Role of Kalmegha Plus on CCl <sub>4</sub> and Nicotine Induced Organ Toxicity
<b>04:50 PM – 05:10 PM</b> <b>Dr. Md. Abdul Mazid</b> Department of Pharmaceutical Chemistry Faculty of Pharmacy, University of Dhaka,	Endophytic Fungi from Medicinal Plants: Potential Sources of Bioactive Metabolites
<b>05:10 PM – 05:30 PM</b> <b>Prof. N Jeyakumar</b> Professor & Head, Department of Bioinformatics, Bharathiar University, Coimbatore, India	Bioinformatics Data Analysis and Opportunities in Medicinal Plants

## Plenary Lecture: Session XI: 04:10 PM - 05:30 PM

### Hall 2: Manjula Hall

#### Regulatory Harmonization of Traditional Medicine

##### Chairpersons:

**Dr. A K Pati**, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India

**Dr. S A Salgare**, Director, Salgare Research Foundation, Karjat, India

Speaker	Title
<b>04:10 PM – 04:30 PM</b> <b>Dr. Subhash C Mandal</b> Regulatory Affairs Division (RAD), Indian Pharmaceutical Association, Kolkata, India	Role of Regulation for Developing Evidenced Base Medicine of Herbal Origin

**04:30 PM – 04:50 PM**

**Prof. Navin Sheth**

Gujarat Public Service Commission,  
Ahmedabad, India

Regulatory Aspect of Herbal and Traditional Drugs

**04:50 PM – 05:10 PM**

**Dr. K S Laddha**

Pharmaceutical Science and Technology  
Division, Institute of Chemical Technology,  
Matunga, Mumbai, India

Extraction and Isolation of Commercially Important  
Phytoconstituents – Case Studies

**05:10 PM – 05:30 PM**

**Dr. Rajlakshmi Devi**

Life Sciences Division,  
Institute of Advanced Study in Science &  
Technology, Guwahati, Assam, India

The Traditional Knowledge of *Musa balbisiana* and  
*Garcinia pedunculata*– Two Versatile Medicinal  
Plants of North Eastern Region (NER) of India

**Meeting of the Global Platform for the Ethnopharmacology, Ethnomedicine and Ethnic Health Care  
Practices: 02:30 PM – 03:30 PM (Hall)**

**SFE - GENERAL BODY MEETING: 05:30 PM - 06:30 PM**

**Manjula Hall**

**ORAL PRESENTATION**

**Session V: SECTION A (Ethnopharmacology): 02:00 PM – 06:00 PM (J.D.Hall)  
(Abstract No. SFEC-17/OP/051A - SFEC-17/OP/080A)**

**POSTER PRESENTATION**

**Session VIII, IX & X: SECTION A (Ethnopharmacology): 02:00 PM – 06:00 PM  
(Poster Hall 1 & 2)**

**SFE - DINNER: 07:30 PM – 09:30 PM**

**Day 3: February 25, 2017 Saturday**

**Breakfast 08:30 AM – 09:30 AM**

**Keynote Lectures: Session XII: 09:30 AM - 11:00 AM**

**Hall 1: Pushpam Tarsadia Hall**

**Perspectives of Metabolomics: Medicinal Plant Research**

**Chairpersons:**

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

**Dr. J. M Pathak**, Zandu Foundation for Health Care, Vapi, Gujarat, India

**Speaker**

**Title**

**09:30 AM – 10:00 AM**

**Dr. Michael Heinrich**

UCL School of Pharmacy, London, UK

CONSETPFs Statement and its Relevance for Best  
Practice in Ethnopharmacological Field Research

**10:00 AM – 10:30 AM**

**Prof. A S Raghavendra**

School of Life Sciences, University of  
Hyderabad, Hyderabad, India

Plant Metabolomics: Relevance to Indian Medicinal  
Plants and Spices

**10:30 AM – 11:00 AM**

**Dr. Mohd. Aslam**

Department of Biotechnology,  
Ministry of Science & Technology, New Delhi,  
India

Biotechnology Initiatives on Medicinal and Aromatic  
Plants

### Plenary Lectures: Session XIII: 9:30AM- 10:50 AM

#### Hall 2: Manjula Hall

#### Revisiting Traditional Practices - Edge of Ethno-pharmacology Research

##### Chairpersons

**Prof. Kambizi Learnmore**, African centre for Herbal Research, Cape Peninsula University of Technology, South Africa

**Mr. Prabir Banerjee**, Inspector of Drugs, Government of West Bengal, Kolkata, India

Speaker	Title
<b>09:30 AM – 09:50 AM</b> <b>Prof. M N Reddy</b> Department of Biosciences, Veer Narmad South Gujarat University, Surat, Gujarat, India	Phytochemical Evaluation of Some Important Medicinal Plants of South Gujarat
<b>09:50 AM – 10:10 AM</b> <b>Dr. Raghu K Gopal</b> Agroprocessing & Natural products Division CSIR – National Institute for Interdisciplinary Science & Technology (NIIST) Trivendrum, India	Elucidation of Key Molecular Mechanisms Responsible for Anti-Cardiac Hypertrophic Property of <i>Boerhaavia diffusa</i>
<b>10:10 AM – 10:30 AM</b> <b>Dr. Satyanshu Kumar</b> Directorate of Medicinal and Aromatic Plants Research, Anand, Gujarat, India	Green Extraction <i>vis a vis</i> Conventional Extraction Technology for Herbal Products
<b>10:30 AM – 10:50 AM</b> <b>Dr. K R Desai</b> Department of Chemistry, Uka Tarsadia University, Bardoli, Gujarat, India	Application of Green Chemistry Principles for Extraction of Natural Ingredient

**Break: 11:00 AM – 11:10 AM**

## Interactive Session XIV: 11:10AM- 01:00 PM

### Hall 1: Pushpam Tarsadia Hall

#### Interactive session on

#### **Ethnopharmacology, Ethnomedicine and Ethnic Health Care Practices**

The representatives of individual groups of Traditional healers from different parts of India will make interaction with Scientists, Doctors and Technologists based on their different activities from various places, states with varied culture and biodiversity.

#### **Chairpersons:**

**Mr. A Jaykumar**, Secretary, Vijnana Bharati, Bangalore, India

**Prof. Pulok K Mukherjee**, Secretary, Society for Ethnopharmacology, India

**Dr. Micheal Heinrich**, UCL School of Pharmacy, London, UK

#### **Dr. Motlalepula G Matsabisa**

IKS Lead Programme, University of the Free State, South Africa

#### **Dr. Te Kian Keong**

Dept. of Chinese Medicine, Universiti Tunku, Abdul Rahman Selangor D.E., Malaysia

#### **Dr. Prakash R Itankar**

RTM Nagpur University, Nagpur, India

#### **Vd. J P Chaturvedi**

Traditional Health Practitioner, Ujjain, Madhya Pradesh, India

#### **Vd. Shivanandan**

Traditional Health Practitioner, Kerala, India

#### **Dr. Rudolf bauer**

Institute of Pharmaceutical Sciences, University of Graz, Austria

#### **Dr. G Geetha Krishnan**

Medanta Department of Integrative Medicine & Holistic Therapies, Medanta-The Medicity, Gurgaon, India

#### **Dr. G Hariramamurthi**

Trans Disciplinary University, Bangalore, Karnataka, India

#### **Anup Kumar Sarkar**

Traditional Health Practitioner, Parnasree sustha, Behala, Kolkata, India

#### **Vd. Awdesh Kasyap**

Traditional Health Practitioner, Tenganmada, Chattisgarh, India

## Plenary Lectures: Session XV: 11:10 AM- 01:10 PM

### Hall 2: Manjula Hall

#### **Medicinal Plants: A potential reservoir for therapeutic leads**

#### **Chairpersons:**

**Prof. Gudrun Ulrich-Merzenich**, University Clinic Centre Bonn, Bonn, Germany

**Dr. Ashok Kumar Tiwari**, Principal Senior Scientist, IICT, Hyderabad, India

Speaker	Title
<b>11:10 AM – 11:30 AM</b> <b>Prof. G M Vidyasagar</b> Department of Botany, Gulbarga University, Gulbarga, Karnataka, India	Scientific Validation of Medicinal Plants Used in the Treatment of Candidiasis in Hyderabad Karnataka Region, India

**11:30 AM – 11:50 AM**

**Dr. Dileep Kumar B S**

National Institute of Interdisciplinary Science & Technology, CSIR, Thiruvanthapuram, Kerala, India

Free Living and Endophytic Bacterial Strains as a Biotechnological Tool for Development of Disease Resistance, Growth and Yield Enhancement in Important Cash Crops

**11:50 AM – 12:10 PM**

**Dr. Neeta Shrivastava**

BV Patel Pharmaceutical Education and Research Development (PERD) Centre- Ahmedabad, Gujarat, India

Molecular Pharmacognosy for Safe and Efficacious Herbal Drugs

**12:10 PM – 12:30 PM**

**Dr. S Rajan**

Central Council for Research in Homoeopathy, Department of AYUSH, Govt. of India, Tamil Nadu, India

Conservation of Rare, Endangered and Endemic Medicinal Plant Species from Nilgiri Hills, Tamil Nadu, Peninsular India

**12:30 PM – 12:50 PM**

**Dr. Bipin J Agrawal**

Department of Textile Chemistry  
The M. S. University of Baroda,  
Vadodara, Gujarat, India

Sustainable & Value-Added Application of Medicinal Plants for the Preparation of Hygienic Textiles

**12:50 PM – 01:10 PM**

**Dr. G Sandhya Kiran**

The M. S. University of Baroda,  
Department of Botany, Faculty of Science,  
Vadodara, Gujarat, India

Remote Sensing of vegetation with special emphasis on Plant Diversity

#### **ORAL PRESENTATION**

**Session VI: SECTION B (Medicinal Plant Research): 09:30 AM – 01:00 PM (J. D.Hall)**  
**(Abstract No. SFEC-17/OP/025B - SFEC-17/OP/050B)**

**LUNCH BREAK: 01:30 PM – 02:30 PM**

**Valedictory Programme &  
Prize Distribution: 02:30 PM – 04:00 PM**

# ORAL AND POSTER PRESENTATIONS

**Day 1: February 23, 2017 Thursday**

## ORAL PRESENTATION

### SESSION I

**Section A (Ethnopharmacology): 02:00 PM – 06:00 PM (J.D. hall)**

**Abstract No. SFEC-17/OP/001A - SFEC-17/OP/025A**

#### *Chairpersons:*

**Dr. J P Yadav**, Professor, M D University, Rohtak, India

**Prof. Samir K Samanta**, Vice-Principal, CIPT, Uluberia, Howrah, India

**Dr. Meonis Pithawala**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

### SESSION II

**Section B (Medicinal Plant Research): 04:00 PM – 06:00 PM (Manjula Hall)**

**Abstract No. SFEC-17/OP/001B - SFEC-17/OP/015B**

#### *Chairpersons:*

**Prof. Pramod H J**, Coordinator, Belgavi Local Chapter, SFE-India

**Dr. T K Mukherjee**, Ex-Scientist CSIR- NISCAIR, New Delhi, India

**Dr. Chamundeeswari**, Sri Ramachandra University, Chennai, India

## POSTER PRESENTATION

### SESSION I

**Section A (Ethnopharmacology): 02:00 PM– 06:00 PM (Poster Hall 1)**

**Abstract No. SFEC-17/PP/001A - SFEC-17/PP/040A**

#### *Chairpersons:*

**Prof. Rajashekhar Ingalhalli**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

**Dr. E Susithra**, Dept. of Pharmacognosy, School of Pharmaceutical Science, VELS University, Chennai, India

**Dr. Gopal Jee Gopal**, C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

**Dr. Munish Garg**, Maharshi Dayanand University, Rohtak, Haryana, India

### SESSION II

**Section A (Ethnopharmacology): 02:00 PM – 06:00 PM (Poster Hall 1)**

**Abstract No. SFEC-17/PP/041A - SFEC-17/PP/080A**

#### *Chairpersons:*

**Dr. Ravinder Raina**, Dr. Y S Parmar University of Horticulture & Forestry, Solan, India

**Dr. Srikant Joshi**, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, India

**Mr. Amitavo Das**, J D Kansultanci Services, New Delhi, India

**Dr. N Ch Srivathsa**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

### SESSION III

**Section B (Medicinal Plant Research): 02:00 PM – 06:00 PM (Poster Hall 2)**

**Abstract No. SFEC-17/PP/001B - SFEC-17/PP/040B**

#### ***Chairpersons:***

**Prof. Dr. Aruna Joshi**, Department of Botany, The M S University of Baroda, Gujarat, India  
**Prof. Avenir Y Adjanohoun**, Prof. Edouard J. Adjanohoun University, Benin, West Africa  
**Dr. Upendra Sharma**, CSIR-Institute of Himalayan Bio-Resource Technology, Uttaranchal, India  
**Dr. Jignesh Raval**, Department of Chemistry, Uka Tarsadia University, Bardoli, India

### SESSION IV

**Section B (Medicinal Plant Research): 02:00 PM – 06:00 PM (Poster Hall 2)**

**Abstract No. SFEC-17/PP/041B - SFEC-17/PP/080B**

#### ***Chairpersons:***

**Dr. Amaresan N**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India  
**Dr. Satyanshu Kumar**, Directorate of Medicinal Aromatic Plants Research, Anand, India  
**Dr. Mamta Shah**, Department of Pharmacognosy, L M College of Pharmacy, Ahmedabad, India  
**Dr. Arti Gupta**, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, India

## Day 2: February 24, 2017 Friday

### ORAL PRESENTATION

#### SESSION III

**Section A (Ethnopharmacology): 09:30 AM – 01:00 PM (J.D. Hall)**

**Abstract No. SFEC-17/OP/026A - SFEC-17/OP/050A**

#### ***Chairpersons:***

**Prof. Somenath Roy**, Department of Human Physiology with Community Health, Vidyasagar University, Midnapore, India  
**Dr. Murugeshwaran**, Regional Research Institute of Unani Medicine, Chennai, India  
**Prof. Anand Sagar**, Department of Biosciences, Himachal Pradesh University, Shimla, India

#### SESSION IV

**Section B (Medicinal Plant Research): 09:30 AM – 11:00 AM (Manjula Hall)**

**Abstract No. SFEC-17/OP/016B - SFEC-17/OP/025B**

#### ***Chairpersons:***

**Dr. Ashish Mishra**, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, India  
**Dr. Rampratap Meena**, Central Council of Research in Unani Medicine, New Delhi, India  
**Dr. Subhash C Mandal**, Regulatory Affairs Division, Indian Pharmaceutical Association, Kolkata, India



### SESSION V

**Section A (Ethnopharmacology): 2:00 PM – 6:00 PM (J.D. Hall)**

**Abstract No. SFEC-17/OP/051A - SFEC-17/OP/080A**

***Chairpersons:***

**Prof. K R Desai**, Department of Chemistry, Uka Tarsadia University, Bardoli, India

**Dr. Bipin J Agrawal**, Department of Textile Chemistry, The M S University of Baroda, Gujarat, India

**Dr. Vijayalakshmi Ghosh**, Organizing secretary, SFEC 2017, Bardoli, India

### POSTER PRESENTATION

#### SESSION V

**Section A (Ethnopharmacology): 10:00 AM – 1:00 PM (Poster hall 1)**

**Abstract No. SFEC-17/PP/081A - SFEC-17/PP/120A**

***Chairpersons:***

**Dr. Thirumalai Kumaran**, Faculty of Pharmacy, Sri Ramachandra University, Chennai, India

**Dr. T K Gopal**, Faculty of Pharmacy, Sri Ramachandra University, Porur, Chennai, India

**Dr. Rock Hounghin**, Prof. Edouard J. Adjanohoun University, Benin, West Africa

**Dr. Varsha Anil Parasharami**, CSIR, National Chemical Laboratory, Pune, India

#### SESSION VI

**Section A (Ethnopharmacology): 10:00 AM – 1:00 PM (Poster hall 1)**

**Abstract No. SFEC-17/PP/121A - SFEC-17/PP/160A**

***Chairpersons:***

**Dr. Dadsaheb Kokare**, RTM Nagpur University, Nagpur, India

**Dr. Bhavin Vyas**, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, India

**Dr. Mitesh Dwivedi**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

**Prof. Vinod Kumar**, M D University, Rohtak, India

#### SESSION VII

**Section B (Medicinal Plant Research): 10:00 AM – 1:00 PM (Poster hall 2)**

**Abstract No. SFEC-17/PP/081B - SFEC-17/PP/120B**

***Chairpersons:***

**Dr. Dinesh Kumar**, CSIR-Institute of Himalayan Bioresource Technology, Uttarakhand, India

**Prof. Rajesh Dabur**, M D University, Rohtak, India

**Dr. Pranav J Shah**, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, India

**Dr. Vijay Gulkari**, Priyadarshini J L College of Pharmacy, Nagpur, India

### SESSION VIII

**Section A (Ethnopharmacology): 02:00 PM – 06:00 PM (Poster Hall 1)**

**Abstract No. SFEC-17/PP/161A - SFEC-17/PP/200A**

***Chairpersons:***

**Prof. Baljeet Singh Yadav**, M D University, Rohtak, India

**Dr. Sankaranarayanan A**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

**Prof. Bimal Desai**, Navsari Agriculture University, Navsari, India

**Dr. Sanjay Tiwari**, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, India

### SESSION IX

**Section A (Ethnopharmacology): 02:00 PM – 06:00 PM (Poster Hall 1)**

**Abstract No. SFEC-17/PP/201A - SFEC-17/PP/240A**

***Chairpersons:***

**Dr. Raghu K Gopal**, Principal Scientist, CSIR Trivendrum, Trivendrum, India

**Dr. S Rajan**, Central Council for Research in Homoeopathy, Dept. of AYUSH, Nilgiri, India

**Dr. Anoop Markande**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

**Dr Sarla Saklani**, HNB Garhwal University, Garhwal, Uttarakhand, India

### SESSION X

**Section A (Ethnopharmacology): 02:00 PM – 06:00 PM (Poster Hall 2)**

**Abstract No. SFEC-17/PP/241A - SFEC-17/PP/285A**

***Chairpersons:***

**Dr Arulmozhi S**, Department of Pharmacology, Poona College of Pharmacy, Pune, India

**Dr. Rushikesh Joshi**, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Bardoli, India

**Dr. Akshay Patel**, Navsari Agriculture University, Gujarat, India

**Dr. Sathiyarayanan L**, Bharati Vidyapeeth University, Poona College of Pharmacy, Pune, India

## Day 3: February 25, 2017 Saturday

### ORAL PRESENTATION

#### SESSION VI

**Section B (Ethnopharmacology): 9:30 AM – 01:00 PM (J. D. Hall)**

**Abstract No. SFEC-17/OP/025B - SFEC-17/OP/050B**

***Chairpersons:***

**Dr. G Geetha Krishnan**, Medanta Department of Integrative Medicine & Holistic Therapies, Medanta-The Medicity, Gurgaon, India

**Dr. Shilpi Paul**, Science and Education Research Board, DST, Govt. of India, New Delhi, India

**Dr. Lalit Narayan**, National Medicinal Plant Board, Ministry of AYUSH, Govt. of India, New Delhi, India