

**Report on the
International Conclave on
Ethnopharmacology, Ethno-medicine and Traditional Health Practices
December 3 - 4, 2016**



Organized by:
School of Natural Product Studies
Jadavpur University, Kolkata, India
www.jaduniv.edu.in



In Association with:
Society for Ethnopharmacology (SFE - INDIA)
**(Affiliated to: International Society for
Ethnopharmacology, UK)**
www.ethnopharmacology.in



Trans disciplinary University, Bangalore
Jarakabande Kaval, Post Attur via Yelahanka,
Bangalore



World Ayurveda Foundation
107/1, Margosa Road, Between 13th & 14th Cross, Malleswaram
Bengaluru, Karnataka

The International Conclave on “Ethnopharmacology, Ethno-medicine and Traditional Health Practices: Learning from the Nature: Tradition to Innovation” was organised by School of Natural Product Studies, Jadavpur University jointly with Society for Ethnopharmacology, Kolkata, India (SFE-India), Trans disciplinary University, Bangalore and World Ayurveda Foundation, Bengaluru, Karnataka at Science City Auditorium, Kolkata as a part of 7th World Ayurveda Congress & AROGYA Expo (7th WAC), during December 3-4, 2016. Society for Ethnopharmacology, India was formed in 2013, with inspiration from Late Dr APJ Abdul Kalam, Former President of India. It is a registered Society affiliated to the International Society for Ethnopharmacology, UK. The society has made its presence through the country, which provides networking opportunity for development and promotion of medicinal plants and Ethnopharmacology. The Society works on dissemination of knowledge in this area with the major highlights on “Globalizing local knowledge and localizing global technologies.” The

conclave has evidenced participation of over 300 delegates from different states of the country and had more than 90 scientific presentations including oral and poster session.

Program, participants and scientific interactions during the conference:

The major highlight of the event was to explore the importance of the ethno pharmacological Aspects for the evidence based research on medicinal plants. Evidence based documentation on safety, efficacy and quality of medicinal plants from different traditional medicines for development of herbal products based on their Ethno pharmacological claims was highlighted from different stakeholders. The conclave was found very helpful for the promotion and development of Indian Systems of medicine at large. The major emphasis was given on ethno-medicine and traditional health practices particularly highlighting - the learning from our ancestors; learning from the nature: from tradition to evidence based medicine.

This conclave witnessed an overwhelming response of various academicians, students, teachers and researchers from different universities, R&D institutes and industries from different fields of natural product sciences, manufacturers of raw materials, phyto-medicines, pharmaceuticals and dietary and food supplements, representatives of conventional and traditional health care systems, regulatory authorities, cultivators of medicinal plants. There were over 30 scientific presentations by some eminent speakers from the field of natural product sciences. It was followed by poster presentations by the delegates. The program was accomplished with a great success with an overwhelming response of more than 300 participants from different states of the country.

The major thrust areas of the conference include:

- Ethno-medicine, Ethnopharmacology & Drug development – Global perspectives
- Traditional to Modern Pharmaceuticals- An impeccable journey
- Learning from nature, learning from our ancestors – Development of TM
- Revitalization of Traditional health practices – validation of Quality, efficacy and safety of TM
- Global Trade & Commercialization of TM - Farm to Pharma
- Interactive session between traditional health practitioner and the scientists
- Integrated approaches for promotion and development Ayurvedic medicine

- Dissemination of ethnopharmacological knowledge on traditional medicines with special reference to Ayurvedic medicine
- Evidence based approaches for development of Indian system of medicine based on the Ethno-pharmacological aspects
- Development of integrative approach for ethno-medicine and traditional health practices
- Globalization of traditional medicines in healthcare
- Ethnopharmacology based drug discovery and development from natural resources based on phytochemical, pharmacological, microbiological and high throughput screening techniques
- Scientific validation and documentation of indigenous knowledge of medicinal plants based on their Ethnopharmacological relevance

The convention was inaugurated by Padmashree Dr. C.P. Thakur, Former Union Health Minister, Govt. of India & Honorable Chairman, Balaji Utthan Sansthan, Patna jointly with Mrs. Shomita Biswas, CEO, National Medicinal Plant Board, Ministry of AYUSH, New Delhi and Prof. Vd. K.S. Dhiman, Director General, CCRAS, Ministry of AYUSH, New Delhi. Other respected dignitaries, attended in the program were Prof. A.S. Verma, Pro-Vice Chancellor, Jadavpur University, Sh. Sekhar Dutt, Former Secretary, Department of AYUSH & Ex-Governor, Chattisgarh , Dr. Jayram Hazra, Director, NRIADD, Kolkata & Chairman, LOC, WAC, Shri A. Jaykumar, Secretary General, Vijnana Bharati , Dr. Pratim Banerji, President, Society for Ethnopharmacology, India, Dr. Geetha Krishnan, Secretary General, World Ayurveda Congress, Dr. Michael Heinrich, Professor, UCL School of Pharmacy, University of London, UK and Prof. Darshan Shankar, Vice Chancellor, Trans Disciplinary University, Bangalore. The inauguration program was ended with vote of thanks given by Mr. Indraneel Das, Vice-President, Society for Ethnopharmacology, India.

All of them gave some key insights on “Ethnopharmacology, Ethno-medicine and Traditional Health Practices”. He emphasized that a greater number of people seeking remedies form herbal medicine due to their lesser side effects compared to other synthetic drugs. During this session, they also focused on the need of the promotion and development of Ethnopharmacology, Ethno-medicine in the world market. In addition, in order to promote Indian herbal drugs, there is an urgent need to evaluate the therapeutic potentials of Ethno-medicine.



Inaugural session



Traditional healer



Group of participants



Plenary session



Plenary lecture session



Valedictory session

All of them, also acknowledged the pivotal role of SFE-INDIA in promotion and development of ethnomedicine. The program was followed by some special lectures and the plenary lectures on different aspects of medicinal plant research, cultivation, chemo-profiling and quality control, evaluation, utilization, validation of ethnomedicine by eminent scientists and researchers from all over the country as well as from abroad.

In the first plenary session, Padmashree Dr. C. P. Thakur, Member of Parliament, Former Union Health Minister, Govt. of India gave a lecture on assessment of several herbal products in kala-azar and thereby aiming to eradicate the life-threatening disease in a long run. Prof. Darshan Shankar gave a talk on the structure and logic underlying Ethno-medical knowledge traditions in India. Another keynote speaker, Dr. Michael Heinrich gave a key insight on opportunities for transdisciplinary research on herbal medicines in Indian perspective. This session was followed by the lectures address by traditional health practitioners.

Session II was started with the lecture on anti-cancer NCEs from medicinal plants, given by Dr. Ram Viswakarma, Scientist, CSIR - Indian Institute of Integrative Medicine, Jammu, India. This lecture was followed by the talk of Dr. Motlalepula G. Matsabisa, Director, IKS Lead Programme South Africa, where he discussed on the development of reversed cyclophosphamide-induced suppression of IgG and IgM in a rat model. The other eminent speakers present in this session was Dr. Mohd. Aslam, Advisor, Dept. of Biotechnology, New Delhi, India, Dr. D. K Mitra, Professor, All India Institute of Medical Sciences, New Delhi, India, Dr. Mukhlesur Rahman, Senior Lecturer, University of East London, London, UK, Dr. Geetha Krishnan, Secretary General, World Ayurveda Congress. In this session they delivered some potential lectures on immuno-modulatory potential of medicinal plants, antimicrobial resistance and the role of medicinal plants in the treatment of antibiotic resistant microorganism, which is now considered as a global threat. Dr. M. Aslam focused on the role of biotechnology in the promotion of medicinal and aromatic plant research. In the next session there was a panel discussion, where several scientists, officials from different parts of the world shared their experiences on which; traditional medicine was developed based from the nature as well as our ancestors. The first day was ended up with the interactive session among traditional healers, scientists, doctors and technologists based on their different traditional healthcare practices with varied culture and biodiversity. The eminent Dr. Hariram Murthy and Dr. Prakash Intankar, both of them chaired this session very nicely and finally it was found very informative.

The second day session was started with Dr. Gerard Bodeker, GIFTS of Health and Oxford University, London, UK who talked how Ayurvedic medicine was dispersed in Southeast Asia in recent days, for rediscovering and re-enlivening their family lives to maintain healthy life. The next session was taken up by some of the industry professionals who focussed on the recent scenario on global trade & commercialization of traditional medicine. The second day program witnessed some distinguished international speakers. Dr. Berbera Pendry, University of East London, London, UK gave some insights on regulation of Herbal Medicine in UK. Dr. Md. Abdur Rashid, Professor, University of Dhaka, Bangladesh talked on several aspects of medicinal plants research in Bangladesh. Other distinguished speaker was Dr. Debprasad Chattopadhyay, Director and Scientist G, RMRC, Belgaum who gave a lecture on folklore medicine of shompen tribes of great Nicobar Islands. This session was ended up with the poster presentation of the participants of the conclave which was found very interactive one. The details of the program schedule are enclosed as Annexure I.

The conference was ended with a valedictory programme with the gracious presence of Dr. A. Jaykumar, General secretary, Dr. Prakash Itankar, Assistant Professor, Nagpur University, Dr. Pratim Banerji, President, SFE-INDIA. In this session, best oral and poster presentation award were presented to the participants. All of them highlighted on different aspects of ethnomedicine and recognized the contribution of Society for Ethnopharmacology in medicinal plant research and for the promotion and development of herbal medicine in India.

Outcome of the conference:

The conclave provided an ideal platform for interaction, debate and dissemination of ideas amongst the distinguished professionals, eminent scientists and technologists and the traditional healers. This motivates the participants in a bigger way to carry out their research work along the novel path shown by the eminent researchers present through their presentations and discussions. Finally the attainment of the conclave may lies in a bigger perspective as the participants enriched themselves and were motivated to carry out their research work along the novel path shown by the eminent researchers present through their presentations and discussions. With their input on the conclave topic, the participants were able to take home an updated roadmap to develop future strategies on research work in the area of ethnomedicine as well as traditional

medicine inspired drug discovery. Thus the International Conclave on was very successful in every aspect. Lastly a global platform was proposed to explore and disseminate the ethnopharmacological knowledge in the development of ethnic health care practices. A committee was made in the valedictory session with some distinguished scientists in the field of natural product research.

The conference book and the program book is enclosed separately.

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