



SOCIETY FOR ETHNOPHARMACOLOGY, India

(SFE - INDIA)

NEWS LETTER

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Editorial

SFE Newsletter enter in its 3rd year and this issue highlights the feedback of the 3rd International Congress of SFE held at Raipur from 19-21 February 2016 on the theme "*Ethnopharmacology and Evaluation of Medicinal Plants-Global perspective*", as well as other activities including one day National Seminar on "*Ethnopharmacology: Perspectives for Development of Ayurveda*" at the National Research Institute of Ayurvedic Drug Development (CCRAS, Ministry of AYUSH, Government of India) in association with the SFE-India, at Kolkata. One of the great activities of SFE is the publication of a special Issue on Ayurveda in the globally acclaimed Elsevier Journal, the Journal of Ethnopharmacology. Society is now appeal to all its Annual Members to renew their Membership and also inviting all the Members to participate in the 4th International Conference of the society in February 23-25, 2017 hosted by the Uka Tarsadia University at Bardoli (Surat), Gujrat.

Secretary's Desk

Society for Ethnopharmacology, India is working for dissemination of knowledge for the promotion and development of Ethnopharmacology & Medicinal Plant with its major highlights on "*Globalization of local knowledge and localization of global technology*". Throughout the year the society has organized different seminar/conference/ workshop etc. for promotion of botanicals by its active local chapters throughout the India. The society would like to express gratitude and sincere thanks to the Local chapter coordinators and their team to organize such successful events to fulfill the vision of the society. We are requesting you all to join the society and explore the opportunities.

.....SFE-India Board Members

Report on

3rd International Congress of SFE-India (SFEC -2016)

Organized by

National centre for Natural Resources (NCNR)

Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India

"Ethnopharmacology and Evaluation of Medicinal Plants- Global perspective"

February 19-21, 2016

The Society for Ethnopharmacology (SFE), India was constituted in 2013 under the West Bengal Society Registration Act, in affiliation from the International Society for Ethnopharmacology, UK after the grand success of the 12th International Congress of International Society for Ethnopharmacology, UK (ISE) organized by the School of Natural Product Studies, Jadavpur University Kolkata in February 2012. The Society is extremely grateful to Late Dr. APJ Abdul Kalam, former President of India for his inspiration and support to form SFE-India.

The society has already made its presence throughout India, providing networking for dissemination of knowledge for the promotion of Ethnopharmacology and Medicinal Plant through different local chapters in different parts of India with its vision on “Globalization of local knowledge and localization of global technology”. The 3rd International Congress SFEC 2016 of the SFE-INDIA was held at Pandit Ravishankar Shukla University, Raipur, Chhattisgarh, India during February 19-21, 2016 with the theme of “*Ethnopharmacology and Evaluation of Medicinal Plants- Global perspective*”.



Inaugural Programme of SFEC-2016



SFE Executive committee meeting during SFEC 2016



SFE Annual Award ceremony during SFEC



Valedictory Programme of SFEC 2016

The program was jointly organized by the Society for Ethnopharmacology, India and the National Center for Natural Resources (NCNR), Pandit Ravishankar Shukla University, Raipur, Chhattisgarh, India. The Congress was initiated by a series of pre-conference workshops, organized in different venues with the University campus to ascertain various technicalities related to natural product research. The first workshop was held at ML Schroff Hall, of the University Institute of Pharmacy, led by Prof. Swarnlata Saraf, Raipur. It was followed by second workshop, held at Seminar Hall of School of Studies in Biotechnology, lead by Dr. Shailendra Saraf. The third workshop was held at JC Bose Hall, School of Life Sciences guided by Dr. AK Gupta; while the 4th workshop was organized at CV Raman Hall, School of Studies in Chemistry, chaired by Dr. Pulok K Mukherjee, Secretary, Society for Ethnopharmacology, India.

In the preconference workshops, various relevant topics on quality research initiatives and related tools and techniques in herbal drug analysis were discussed by some eminent scientists. The workshops were attended by several delegates and students of the University.

In the afternoon of 19th February 2016 the main conference was inaugurated by Mr. Brij Mohan Agarwal, Honorable Minister, Govt. of Chhattisgarh, followed by a warm welcome address by Dr. S. K. Pandey, Vice Chancellor, Pandit Ravishankar Shukla University and an introductory lecture of Dr. Pulok K. Mukherjee, Secretary, Society for Ethnopharmacology, India. In this session, all the dignitaries emphasizes on the importance of medicinal plants research in India, based on traditional claims of diverse states of the country. In the inaugural lecture, Mr. Brij Mohan Agarwal, Honorable Minister mentioned about the rich biodiversity of Chhattisgarh which is being nurtured by its tribal communities. He has recommended extending the financial benefits to the tribal community that are coming from the cultivation and trading of medicinal plants. Other dignitaries present in the conference were Mr. Chandrasekhar Sahu, Chairman, State Finance Commission, Chhattisgarh; Dr. W. Selvamurthy, the Chancellor of Amity University; Prof. Michael Heinrich, Observer to the Society for Ethnopharmacology India, from the International Society for Ethnopharmacology (ISE, UK); Dr. Rudolph Bauer, Chairman of the International Society for Ethnopharmacology, UK; Professor R. N. Pati, Organizing Secretary of the Congress and Dr. Sailendra Saraf, Joint organizing Secretary of the Congress. During two days deliberation the scientific program includes 30 invited speakers from India and abroad

including UK, USA, Netherland, Austria, Denmark, and Indonesia who delivered lectures on different emerging issues on ethnopharmacology and medicinal plant research. The congress was attended by over 400 delegates from several parts of the Country, who have witnessed over 80 oral and 190 poster presentations on diverse Ethnopharmacological and medicinal plant research.

After completion of the inaugural session, the SFE conferred a number of its Award to several personalities and organization for their outstanding contribution in their respective field. This year the Awardees includes:

- Prof. Ashok D B Vaidya received the “SFE-Lifetime Achievement Award-2016” for his life-time contribution to the scientific studies on medicinal plants of Ayurveda.
- Dr. Robert Verpoorte, Professor of the Natural Products Laboratory, Institute of Biology, Leiden University, The Netherland received the “SFE-Outstanding International Ethnopharmacology Award-2016” for his contribution in the Phytochemistry and phytochemical evaluation of medicinal plants.
- Dr. Ram Vishwakarma, Director, CSIR-Indian Institute of Integrated Medicine, Jammu, India was selected for the “SFE-Zandu Award-2016” for his work on medicinal plants of India.
- Dr. Debprasad Chattopadhyay, Deputy Director & Scientist E, ICMR Virus Unit, Kolkata, India was conferred with the “SFE-Outstanding National Ethnopharmacology Award-2016” for his contribution in evaluating Indian traditional medicines and translating ethnomedicinal wisdom of diverse tribes of India into modern scientific literature.
- “SFE Special Recognition Award-2016” was awarded to Dr. S. K. Pandey, Vice Chancellor, Pandit Ravishankar Shukla University, Raipur, India for his keen interest in disseminating the knowledge of medicinal plants and organizing this mega event.
- “SFE Outstanding Service Award -2016” was conferred to Industrialist Mr. Birendra Kumar Sarkar, Managing Director, Parker Robinson Pvt. Ltd., who is working tirelessly for the promotion and dissemination of use of medicinal plants and the development of plant based products.
- “SFE Herbal Industry Leader Award-2016” was handed over to the Managing Director of M/S Ixorel Biomed Inc., Jubilee Hills, Hyderabad, India for his global promotion and product development with Ashwagandha.

Several special and plenary lectures were delivered on critical issues for the promotion and globalization of traditional medicine, ethnopharmacology and medicinal plant research by a galaxy of eminent scientists and researchers from all over the world. Some of the well known international speakers include Prof. Rob Verpoorte; Dr. Anna Jäger, Denmark; Dr. Michael Heinrich; Dr. Rudolf Bauer; Dr. GI Giancaspro. Other eminent national speakers were Dr. SK Pandey, Dr. Ashok DB Vaidya, Dr. CK Katiyar, Dr. Shailendra Saraf, Dr. L Sathiyarayanan, Dr. Dipendra K Mitra, Dr. D Chattopadhyay, Dr. R Bandyopadhyay, Dr. Swarnlata Saraf, Dr. PR Itankar, Dr. AS Raghavendra, Dr. Dilip Ghosh and many more.

The conference was ended with a valedictory program followed by prize distribution of best oral and poster presentation. In this session, SFE-India & ISE, UK conferred special recognition to the organizers for their outstanding services in the promotion of Ethnopharmacology in India. This session was graced with the presence of Dr. Rob Verpoorte, Dr. A.K Pati, Dr. Shailendra Sharaf, Dr. Pratim Banejee, Dr. S.K. Pandey, Dr. Rudolf Bauer, Dr. Michael Heinrich, Padmashree Dr. A.T. Dabke, Dr. G.B. Gupta, Dr. Sharma, Vice-Chancellor, AYUSH Health University. All of the dignitaries praised the contribution of SFE-INDIA for promotion and development of medicinal plant research. The honorable dignitaries also acknowledged the initiative of the University for arranging the 3rd International congress of SFE-INDIA (SFEC 2016) for dissemination of knowledge highlighting “Globalizing Local Knowledge and Localizing Global Technologies”. At the end of the congress, it was declared that 4th International congress of the society will be organized at Uka Tarsadia University, Gujarat during February, 2017. Thus the third congress of the society was very successful in every aspect.



Participants and dignitaries of SFEC 2016



Dignitaries and Resource Person of SFEC 2016

Report on
National Seminar on
“Ethnopharmacology: Perspectives for Development of Ayurveda”

The one day National Seminar on “Ethnopharmacology: Perspectives for Development of Ayurveda” was organised by the National Research Institute of Ayurvedic Drug Development (NRIADD, CCRAS, Ministry of AYUSH, Government of India) in association with the Society for Ethnopharmacology, India (SFE-India), an Indian counterpart of the International Society for Ethnopharmacology (ISE), UK on 19th March 2016 in the Seminar Hall of NRIADD, 4 CN Block, Sector V, Bidhannagar, Kolkata 700091.

The Seminar was inaugurated at 10 am with an inaugural song and lighting of the lamp by the dignitaries. The dignitaries present in the Dias were Dr. Jayram Hazra, Director, NRIADD, Kolkata; Prof. V. K. Joshi, Professor, Banaras Hindu University, and Chairman, Ayurveda Pharmacopeia Commission, Govt. of India; Dr. Pratim Banerji, President, Society for Ethnopharmacology, India; Dr. V Ravichandiran, Director, National Institute of Pharmaceutical Education and Research (NIPER), Kolkata.

Mr. Birendra K Sarkar, Vice-President, SFE, India; and Prof. Pulok K Mukherjee, Secretary, Society for Ethnopharmacology, India. The speakers highlighted the different aspects of Ethnopharmacology and Ayurveda with their modern perspectives and development. Professor Pulok Mukherjee highlighted the need of establishment of such a forum and after the inaugural ceremony presented a brief activity and achievement of the Society under his able and dynamic leadership. The seminar was attended by 240 participants from different University and Institutes of West Bengal including Jadavpur University, Calcutta University, Barasat State University, Kalyani University, West Bengal Health University, Burdwan University, Alia University etc and Institutes like Indian Institute of Chemical Biology, Bose Institute, National Institute of Cholera & Enteric Diseases; ICMR Virus Unit Kolkata; JB Roy Ayurvedic Medical College; NRS Medical College; RG Kar Medical



**Dignitaries and Resource Person of
National Seminar**

In the first Scientific session there were three lectures from well renowned speakers. Prof. V. K. Joshi, Professor of the Banaras Hindu University, and Chairman of the Ayurveda Pharmacopeia Commission, Govt. of India exemplified the relationship of Ayurveda with modern science and the role of Ethnopharmacology in unveiling the ancient traditional wisdom in his lecture on: "Ethnopharmacology in Ayurveda-The Traditional Indian Medicine of Ancient Origin. The second lecture “Clinical trials of Ayurvedic drugs: need and challenges” was delivered by a renowned physician and Scientist Prof. Subir Kumar Maulik, Department of Pharmacology, AIIMS, New Delhi. In the last lecture Dr. Prasanta Kumar Sarkar, Director, WB State Medicinal Plant Board speaks on the need of the “Conservation of medicinal plants for quality Ayurvedic medicine. The second scientific session contain four important lectures. Dr. Dulal Chandra Pal, Scientist of the Parker Robinson Pvt. Ltd., Kolkata speaks on the “Traditional Medicine used by the tribes in some part of West Bengal”; while Prof. Ambarish Mukherjee, of the Department of Botany, University of Burdwan presented the role of “Traditional Medicines in Contemporary Health Care Systems”; the third lecture was delivered by Prof. Sanmoy Karmakar, Department of Pharmaceutical Technology, Jadavpur University on the “Safety issues of herbal drugs”.

In the post-lunch session there were Seven Oral Presentations by the Research Scholars and Master degree Students of different University of the State, and the presentation was evaluated by Dr. Achintya Mitra, NRIADD and Dr. Arun Bandyopadhyay, IICB, Kolkata. Simultaneously 29 Posters were presented in the Poster presentation area, which was evaluated by Dr. S. N. Upadhyay and Dr. A. K. Panda from NRIADD; Dr. P. K. Halder and Dr. Subhash C. Mandal from SFE-INDIA. Three best presentations from both the Poster and Oral presentation were honored with prizes. The Valedictory session was greed by Prof. V. K. Joshi, Professor, Banaras Hindu University and Chairman of the Ayurveda Pharmacopeia Commission, Dr. Jayram Hazra, Director, NRIADD; Dr. Pratim Banerji, President, SFE-India; Mr. B K Sarkar, Vice-President, SFE-India; Dr. Achintya Mitra, Co-ordinator, National Seminar; Prof. Pulok K Mukherjee, Secretary, SFE-India; followed by the Oral and Poster Award Ceremony.

Report of Picnic organized by SFE-India

Like previous occasions Society for Ethnopharmacology, India has organized a family picnic of its members on 14th February 2016 at Rajpur, 24 parganas (South). The venue was nicely selected at the midst of natural beauty and far from the madding crowd.

The day long programme was full of fun and entertainment apart from sumptuous food. The programme was nicely co ordinate by Dr. Sanmoy Karmakar, member, SFE-india



Regulatory News

Ayush medicines quality: States asked to equip themselves

With concerns being expressed over standard of Ayush medicines, the Centre asked states to equip their regulatory framework and infrastructure to meet the quality requirements prescribed by law. "We are very much concerned about the weak control and sale of sub-standard and spurious Ayush medicines. In every Parliament session, we get a lot of questions on sub-standard drugs and quality," Union Minister of State for AYUSH, Shripad Naik said.

Particularly, complaints about misleading advertisements and tall claims of Ayush medicines have been brought to "our notice by Ministries of Consumer Affairs and Information and Broadcasting and Drug Controller General," he said addressing a conference on Ayush here. "Quality control of Ayush drugs is statutory requirement in accordance to the quality requirement in provisions of Drug and Cognitive Act. Unfortunately, on this front, focussed efforts have not been made in the enforcement mechanism by states to ensure manufacturing and sale of quality-assured medicines," he said.

The Ayush Minister rued that several states do not send Action Taken Report despite several advisories and directives.

"I call upon all state authorities to equip their regulatory framework and add up their infrastructure facilities and technical manpower," Naik said. Noting that there are several financial constraints being faced by the states in building up infrastructure, he suggested that they can avail funds under National AYUSH Mission for the facilities.

Book Review

Analytical Techniques for Natural Product Research (ISBN-13: 978 1 78064 4738)

Satyasanshu Kumar

Principal Scientist

ICAR-Directorate of Medicinal & Aromatic Plants Research

Anand, Gujarat

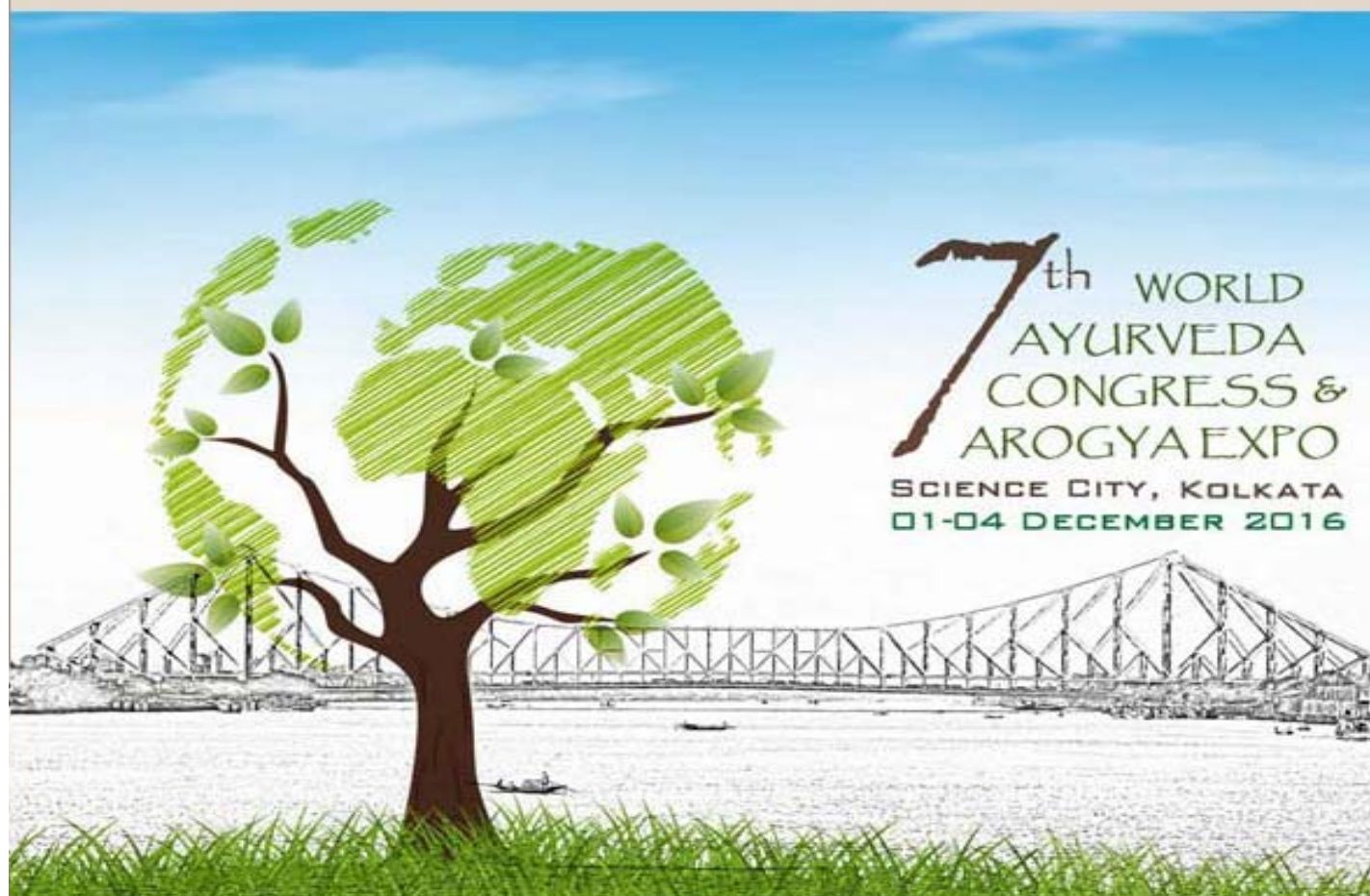


This book mainly deals with several aspects of research in Natural products such as plants, animals, marine species and minerals, a huge reservoir of chemical diversity. Plants in particular are an important source of lead molecules for drug discovery, and have played a significant role in drug discovery. This book reviews the techniques and processes involved in natural product research, including phytochemical processing, various extraction methodologies, chromatographic techniques, various tandem and non-destructive techniques, high throughput screening techniques. Extraction technologies however range from conventional extraction to green extraction, and analytical techniques from single technique to hyphenated/coupled technique with a proper understanding of their principles and applications which are very useful for laboratory as well as industrial purposes. This advancement of the modern techniques will be highly applicable for screening a large number of plant extracts, enriched fractions, and isolated compounds in the itinerary of natural product based drug discovery. Furthermore, the advancement of all the modern techniques are of highly competent to ensure high quality plant based drugs in accordance with their regulatory requirements across the globe. In a nutshell, this book provides a complete guide to the students, researchers and scientists in the field of medical and aromatic plants.

UPCOMING EVENTS

7th World Ayurveda Congress

Science City, Kolkata, India | 01-04, Dec 2016



We are happy to announce that the 7th edition of "World Ayurveda Congress", the largest gathering of its kind is scheduled to be conducted in Science city, Kolkata, West Bengal between 1st & 4th December 2016.

This edition of WAC is lead by two eminent personalities none other than the Secretary, Ministry of AYUSH and Director General of Indian Council of Medical Research. We are planning to float a large platform of all ethnical health care systems including folk medicines of all the major countries in the 7th WAC. We welcome you all in advance to Kolkata.

- **16th International Congress of the Society for Ethnopharmacology ISE** - Yulin, China, May 16-18, 2016. <http://16ice.bgjkw.com/>
- **Joint Natural Products Conference 2016** - Copenhagen, Denmark. The meeting is organised by the GA, together with ASP, PSE, JSP, SIF and AFERP, July 24-27, 2016. www.jnpc2016.dk



SFEC 2017

4th International Congress of Society for Ethnopharmacology, India

Surat, Gujarat, India
February 23-25, 2017

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

Organized by



**C.G. Bhakta Institute of Biotechnology &
Maliba Pharmacy College
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www.utu.ac.in
www.ethnopharmacology.in

Society for Ethnopharmacology, India would be happy to introduce Surat, Local Chapter and Manipal, Local Chapter of SFE-India. Society would like to congratulate to Prof. N Udupa, Coordinator, Manipal Local chapter and Prof. Ramar Krishnamurthy, Coordinator, Surat, Local Chapter for their initiatives to promote the SFE-India as well as dissemination of knowledge for the promotion of Ethnopharmacology and Medicinal Plant.



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JOIN SFE-INDIA & Explore the Opportunity

"Globalizing Local Knowledge & Localizing Global Technology"

To work for the promotion of Ethnopharmacology - medicinal plants and other natural products

- Networking amongst the researchers in medicinal plants and ethnopharmacology around the globe.
- Sharing of knowledge among researchers, healthcare-practitioners, and decision-makers interested in Ethnopharmacology.
- Dissemination of knowledge for promotion of TM and medicinal plants
- Organizing conference, seminars, symposia, workshops etc in different parts of India.
- Information on activities in respect of Ethnopharmacology around the world.
- Travel grant for students and young scientists and reduced registration fees to attend the events organized by the Society for Ethnopharmacology.
- Access to a wide network of scholars interested in the traditional medicine and Ethnopharmacology.
- Validation and documentation of TM, medicinal plants and natural products
- Encouraging the scientists through awards, honors, grants etc.
- Collaborative approaches for promotion & development of TM and medicinal plants.



**SOCIETY FOR ETHNOPHARMACOLOGY
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&
Explore the Opportunity

----- We look forward to continue our bonding

