

AMITY UNIVERSITY, U.P., NOIDA (INDIA)

**7th International Symposium of the International Society for the
Development of Natural Products**

NOVEMBER 15 – 17, 2012

SCIENTIFIC PROGRAMME

15.11.2012 – Thursday

- 9.00 am to 10.15 am - Registration & Networking**
- 10.15 am to 11.00 am- Plenary Lecture –I**
Chairperson – Prof. P. Pushpangadan
Speaker - Prof. G. A Cordell, Univ Illinois, USA
Ecopharmacognosy and the globalization of traditional
Medicines

TECHNICAL SESSION I

- Chairperson : Dr. C.S. Nautiyal**
Co-Chairperson: Prof. V. George
Speakers :
- 11.00 am to 11.30 am Prof. Hartmut Frank, Univ of Bayreuth, Germany**
Natural Product Research - Ethical Implications
- 11.30 am to 12.00 am Prof. Guenther Bonn, Innsbruck, Austria**
Title of Talk to be announced
- 12.00 am to 12.20 pm - Dr. B. Somanadhan, Singapore**
Total synthesis and stereochemical determination of Falcitidin,
a novel mycobacterial derived acyltetrapeptide with activity
against the malaria target falcipain -2
- 12.20 pm to 12.40 pm - Prof. Benny KH Tan, National Univ. of Singapore**
In vivo and *in vitro* effects of chlorogenic acid on glucose
transport in L6 skeletal muscle cells and skeletal muscle
isolated from DB/DB mice
- 12.40 pm to 1.00 pm Prof. Khozirah Shaari Universiti Putra, Malaysia**
Studies into the anti-inflammatory properties of 2,4,6-
trihydroxy-3-geranylacetophenone, a natural product
molecule.
- 1.00 pm to 1.20 pm Dr. Jalifah Latip, Univ. Kebangsaan, Malaysia,**
Rapid identification of rhamnolipid biosurfactant by
Electrospray Ionization-Mass Spectrometry

- 1:20 pm to 2:30 pm - **LUNCH**
- 2:30 pm to 4:00 pm - **Inaugural Function**
- 4:00 pm to 4:30 pm - **High Tea**

TECHNICAL SESSION II

Chairperson : Prof. K. C. Upadhyaya

Co-Chairperson: Prof. Pankaj Sharma

Speakers

- 4.30 pm to 5.00 pm -**Dr. Srin Kaveri**, Paris, France
To be announced.
- 5.00 pm to 5.20 pm **Prof. Rupika Delgoda**, Univ of West Indies, Jamaica.
Bridging two worlds through science in the Caribbean
- 5.20 to 5.40 pm **Prof. V. Verma**
Microbes as excellent source of enantioselective enzymes
- 5.40 to 6.00 pm **Prof. S S Deokule**, Pune
Ethnopharmacognostical research and its bioprospecting
- 6.00 to 6.20 pm **Prof. K. K. Janardhanan**, Thrissur, Kerala
Therapeutic potential of red mushroom-Ganoderma lucidum for prevention and Treatment of Cancer

16.11.2012 – Friday

- 9.30 to 10.15 am** - **Plenary Lecture – II**
Chairperson – Prof. Sunil Saran
Speaker : Prof. D. H. C. Yoshinori Asakawa (President, PSA)
Japan
Search for new Liverwort, Ferns and Fungi constituents of biological interest

TECHNICAL SESSION III

- Chairperson :** Prof. S.S. Agrawal
Co-Chairperson : Dr. Girish Sharma
Speakers :
- 10.15 to 10.45 am - **Prof. Vikash Sewram**
Cancer Research Initiative of South Africa (CARISA) Integrating cancer care with natural products
- 10.45 to 11.05 am - **Prof. V. George, AIPP, Trivandrum**
Phytochemistry in Human Welfare
- 11.05 to 11.25 am - **Dr. Abdul S Shawl, Indian Inst. of Integrative Medicine, Srinagar,** Sulfated triterpenes from *Melissa officinalis*
- 11.25 to 11.40 am - **Networking Tea**

TECHNICAL SESSION IV

- Chairperson :** Prof. Ajit Varma
Co-Chairperson : Prof. P.K. Paul
Speakers :
- 11:40 to 12:00 p.m. **Prof. K V Peter, Chennai**
Noni (*Morinda citrifolia* L.) based bioproducts for wellness
- 12.00 to 12.20 p.m. **Dr. Ajay K. Singh Rawat, NBRI, Lucknow**
Importance of quality control in developing herbal products
- 12.20 to 12.40 p.m. **Dr Ch V Rao, NBRI, Lucknow**
Botanicals and applications in healthcare
- 12.40 to 1.00 p.m. **Prof. Manju Pathak, Amity University**
Insulin-like proteins during germination of some legume seeds

1.00 to 2.00 pm **Lunch**

2.00 to 3.45 pm **Poster Viewing**

3.45 to 4.00 pm

Networking Tea

Plenary Lecture – III

4.00 to 5.30 pm

**NSE and ISDNP General Body Meeting
Award of NSE Fellowships**

7.30 onwards

CONFERENCE DINNER

17.11.2012, Saturday

TECHNICAL SESSION V
(Concurrent Session I)

Chairperson : Prof. Khozirah Shaari

Co-Chairperson : Prof. Ashish Verma

Speakers :

9.30 to 9.50 am

Dr. Neem Hakim

International Centre for Integrated Herbal Research and
Development, Dhaka, Bangladesh
Research and development of herbal products in Bangladesh

9.50 to 10.00 am

Dr. Satyanshu Kumar, Directorate of Medicinal and Aromatic Plants
Research, Anand

Extraction of phytochemicals from *Asparagus racemosus* and *Saraca
asoca* using green techniques

10.00 to 10.10 am

Dr. V.S. Rana, Dir. of Medicinal and Aromatic Plants Research, Anand
Separation and identification of swertiamarin from
Enicostemma axillare Lam. Raynal by centrifugal partition
chromatography and nuclear magnetic resonance-mass spectrometry

10.10 to 10.20 am

Dr. Manzoor A Shah, Univ of Kashmir, Srinagar

Mushrooms: The novel sources for novel anticancer bioactive drugs

10.20 to 10.30 am

Dr. G.S. Chakraborty, Noida Institute of Engineering and
Technology, Greater Noida

Quantitative estimation of ascorbic acid by HPTLC in hydroalcoholic
extract of *Phyllanthus emblica*

10.30 to 10.40 am

Ms. Alsaba F Raja, IIM-CSIR, Srinagar

Acetyl-11-keto- boswellic acid as potential antibacterial and anti-
biofilm agent

10.40 to 10.50 am

Dr. Janki Prasad Chaturvedi, CDRI, Lucknow

Antidyslipidemic activity of the constituents isolated from the
leaves of *Calophyllum inophyllum*

10.50 to 11.00 a.m.

Dr. Richa Shri, Punjab University, Patiala

Bioactivity guided isolation of an anxiolytic fatty acid from *Aethusa
cynapium*

11.00 to 11.10 am

Dr. Manjoosha Srivastava, NBRI, Lucknow

Phytochemical characterization of *Amaranthus hypochondriacus* for
nutraceutical formulations

11.10 to 11.20 am **Dr. Monika Thakur**, Amity Institute of Food Technology
Utilization of wild mushrooms as natural untapped treasures

11.20 to 11.45 **NETWORKING TEA**

11.45 to 11.55 am **Dr. Kapil Kumar Chaudhary**, RBS College, Agra
Nutritional and therapeutic properties of *Morinda citrifolia* (Nomi) juice

11.55 to 12.05 am **Dr. Kaushal Kumar, Ranchi**
Evaluation of Plant-lore of Jharkhand in synergy of experimental ethnobotany

12.05 to 12.15 **Dr. T.G. Vinod Kumar Nair, Palode**
Protection of Traditional Knowledge related to plants used for Food and medicine & scope of developing new paradigms on access and benefit sharing

12.15 to 12.25 **Dr. R.M. Bagul, Jalgaon**
Some contraceptive ethnomedicines used by tribals of Satpuda forest East Khandesh, Maharashtra, India

12.25 to 12.35 **Dr. R. Murugeswaran, RRIUM, Chennai**
Ethnopharmacological uses of plants used by the tribal communities of Dindigul District, Tamil Nadu

12.35 to 12.45 **Dr. Ramesh Das**, Nagaon, Barpeta, Assam
Use of wild plants and herbs as Traditional Medicine by the local people inhabiting around the Masas national park of Assam, North East India

12.45 to 12.55 **Dr. S. Ghosh, Izatnagar**
Development of ecofriendly herbal formulation for the control of arthropod infestations in animals

12.55 to 1.05 **Mr. Vinay Daboriya**, Agra, UP
Genetic diversity analysis of *Evolvulus alsinoides* L. populations collected from different regions of Uttar Pradesh using RAPD marker and their phytochemical analysis

1.05 to 1.15 **Dr. Charu Gupta**, Amity University UP
Natural products from Microbes

1.15 to 2.30 **LUNCH**

TECHNICAL SESSION VI (Concurrent Session II)

Chairperson : Prof. Vikash Sewram
Co-Chairperson : Prof. Rajiv Janardhan

Speakers :

- 9.30 to 9.50 **Dr. Ludwiczuk A**, Lublin, Poland
Chemical relationships between Liverworts belonging to the Porellaceae, Lejeuneaceae and Conocephalaceae families
- 9.50 to 10.10 **Dr. Dayar Arbain**, West Sumatra, Indonesia
Inventory, constituents and conservation of biologically important Sumatran plants
- 10.10 to 10.30 **Mr. Sreekumar K G**, Kerala
Activities of State Medicinal Plants Board, Kerala
- 10.30 to 10.40 **Dr. Amit Srivastava**, NBRI, Lucknow
A validated method for simultaneous quantification of six biomarkers in Swertia species by HPLC-ESI-MS
- 10.40 to 10.50 **Ms. Garima Pandey**, Lucknow University, Lucknow
Antimicrobial and antioxidant studies of selected medicinal plants used by Tharu and Buxa tribes of Uttarakhand, India
- 10.50 to 11.00 **Mr. M D Kharat**, Pune
Effect of *Aerva sanguinolenta* (L.) Blume on *L. donovani* parasites causative organism of Visceral leishmaniasis
- 11.00 to 11.10 **Ms. Sheeja Malar**, Karaikudi, Tamil Nadu
In vitro evaluation of *Grewia tiliaefolia* bark extract for its antioxidant and cholinesterase inhibitory activity
- 11.10 to 11.20 **Dr. Kharkwal H**, AUUP, Noida
Antifungal activities of the leaf extract of *Clerodendrum infortunatum* Retz.
- 11.20 to 11.30 **Dr. Kalpana Pai**, Pune
Gallic acid from *Emblica officinalis* elicits anti-leishmanial activity via apoptotic death in *Leishmania donovani* parasites
- 11.30 to 11.45 **NETWORKING TEA**
- 11.45 to 11.55 **Dr. D.D. Joshi**, AUUP, Noida
Rhododendron arboretum: Phytochemistry, pharmacology and traditional overview
- 11.55 to 12.05 **Dr. Rahman M K**, Navi Mumbai

Ayurvedic concept of biometals: study of antimicrobial activity of Methi (*Trigonella foenum graecum*) treated with biometals i.e. Yashad Bhasma and zinc oxide

12.05 to 12.15

Dr. Ram Pratap Meena, Royapuram, Chennai
Standardization of *Myrtus communis* L. fruit using pharmacopoeial and quality control methods

12.15 to 12.25

Dr. A. K. Sharma, FRI, Dehradun
Effect of drying and storage conditions on the quality of cultivated *Aconitum heterophyllum* (Atish)

12.25 to 12.35

Dr. Sharad Srivastava, Lucknow
Conservation of *Centella asiatica* (L.) urban through chemotypic studies among different accessions from central zone of India

12.35 to 12.45

Dr. Sudershan Kumar, NBRI, Lucknow
Development of a model on world wide web for digitization of comprehensive information on medicinal plants

12.45 to 12.55

Dr. Prabha Sharma, University of Delhi, Delhi
Community involvement and conservation of *Taxus baccata* L. in Pangi Valley, Himachal Pradesh

12.55 to 1.05

Dr. Manoj Kaushal, Haridwar
Studies on the mycorrhizal association of some horticultural plants under the conditions of Himachal Pradesh

1:05 to 2:30

LUNCH

**Concluding Session
2:30 onwards**