About the Seminar

Medicinal plants have been utilized for thousands of years in the form of crude drugs such as tinctures, teas, poultices, powders and other herbal formulations. Beginning with the isolation of morphine from opium in the late 19th century, the use of plants as medicines has involved the isolation of active compounds. Drug discovery from medicinal plants led to the isolation of early drugs such as cocaine, codeine, digitoxin, and quinine etc. It is estimated that of the top 150 prescription drugs, at least 118 are based on natural sources. Despite the evident successes of drug discovery from medicinal plants, future endeavours face many challenges. The process of drug discovery has been estimated to take an average of 10 years upwards and cost more than 800 million dollars. It is estimated that only one in 5000 lead compounds will successfully advance through clinical trials and be approved for use. Natural products are typically isolated in small quantities that are insufficient for lead optimization, lead development and clinical trials. Also, there are general beliefs amongst consumers that medical herbs are inherently safe, because they are "natural". However, just because the product is natural, that does not assure their safety. Thus, problems related to harmful effects of medicinal plants and their interaction with other drugs need to be timely addressed among the scientists, researchers, policy makers and academicians. In addition, the accelerating loss of species and habitat worldwide adds the urgency of the need to address all these issues. Already, about 15,000 medicinal plant species may be threatened with extinction worldwide. Experts estimate that the Earth is losing at least one potential major drug every two years. For all of these reasons, the study and conservation of medicinal plant (and animal) species has become increasingly urgent. Thus, to mitigate these issues faster and better methodologies for plant collection especially with the legal and political issues surrounding benefit-sharing agreements, issues of intellectual property rights of a given country where plant(s) of interest are collected, creation of natural product and natural-product-like libraries that combine the features of natural products with combinatorial chemistry, biosynthesis screening, compound isolation, conservation of medicinal plants, and compound development needs to be understood. The seminar will be focusing on various themes:

1. Diversity, Cultivation and Conservation of Medicinal Plants
2. Ethnobotany and Drug Discovery
3. Herbal drug and Human Health
4. Biotechnology and Medicinal Plants
5. Pharmacognosy and Phytochemistry
About the College

The college was founded in 1917 by the great educationist and philanthropist, Rai Kedar Nath. Ramjas College is one of the oldest colleges of Delhi, offering degrees in the liberal arts, commerce and the sciences. It is an offspring of Ramjas Foundation (that runs schools and educational institutions in Delhi) founded by Rai Kedar Nath in 1912 in memory of his father Lal Ramjas Mal. The College today boasts of a spacious campus, a state-of-the-art infrastructure and an esteemed faculty trained at leading universities in India and abroad. The campus is beautiful, green and pollution free and part of the sprawling campus of the University of Delhi. Ramjas is one such college which has been offering courses in Environmental Sciences. A popular short term add on course on environmental management and law was also introduced.

Hospitality

Registered participants will be provided with free Seminar kit, lunch, and tea/coffee at the venue. Shared accommodation for the outstation participants can be arranged in the Guest House/Hotel on request and on availability. Free local transport between the venue and the assigned guest-houses shall be provided. Those interested in accommodation in nearby hotels on payment basis may send their request in advance.

Call for Papers

Papers pertaining to the topics listed above areas are invited for the Seminar. Abstracts of the papers should be submitted by Feb. 05, 2015 and the full versions should be submitted on the day of presentation.

Registration Fee

Teacher / Academician : ₹ 600
Research Scholar/Student : ₹ 500

All payments should be made either by a local Cheque or a Demand Draft/Bank Cheque drawn in favour of Principal, Ramjas College, Delhi and payable at Delhi. (Same charges for each accompanying persons.)

Patron
Prof. Dinesh Singh, Vice Chancellor, University of Delhi

Co-Patron
Prof. Umesh Rai, Director, South Campus

Chairman
Dr. Rajendra Prasad, Principal, Ramjas College

Co-Chairman
Dr. Nalin Nigam, Vice-Principal, Ramjas College

Convenor / Organising Secretary
Dr. Suresh Kumar, Department of Botany, Ramjas College

Organising Committee
Dr. A.K. Shukla
Dr. Bharti Choudhary
Dr. Madhumita Banerjee
Dr. Karlik Bhattacharya
Dr. Anjana Rustagi
Mr. Anand Pushkar
Dr. Annapurna Raudzian
Dr. Geeta Prakash
Dr. Reetu Sharma
Dr. Suman Sharma
Dr. Ranjana Kaul
Dr. Pooja Gupta
Mr. Khailing M.
Mr. Rama Rani
Mr. Sandeep Kushal
Dr. Ankur Bhardwaj

National Advisory Committee
Prof. Tarun C. Bora - Assam
Dr. Ashok Kumar - Lucknow
Dr. S.S. Somani - Kullu
Dr. Sowdham Singh - Lucknow
Prof. Vijay Sharma - Jodhpur
Prof. R.D. Kasliwala - Jabalpur
Dr. H.K. Gautam - Delhi
Dr. Vishal Mittal - Jamshedpur
Dr. Vandana Kumar - Delhi
Dr. R.K. Kale - Delhi
Prof. V.P. Singh - Delhi
Prof. Vimala Y. - Meerut
Prof. S.S. Sawant - Meerut
Dr. Rajesh Kumar - Assam
Prof. Shashi Sharma - Shimla
Dr. N. Mandal - Calcutta
Dr. R.K. Verma - Patna
Prof. D.S. Rawat - Delhi
Dr. Apar Singh - Lucknow
Dr. Suman Thapaiyali - Ajmer
Prof. R. Rajesh - M.P.

National Seminar on Relevance of Medicinal Plants in 21st Century
February 10-11, 2015
Participant’s Registration Form

Name
Designation
Institute
Mailing address
Telephone
Fax
(Res./Mob.)
Email

Payment Details (Please include charges for each accompanying persons)
DD/Local Cheque No. Amount
Drawn on Date
Arrival schedule
Departure schedule
Whether accommodation required: Yes/No
Title of Paper to be Presented

Place Signatures

Note: Please send the filled form alongwith Draft/Local Cheque latest by 5th February 2015. (Photocopy of Form is also acceptable)

All communications regarding the Seminar
Dr. Suresh Kumar
(Convenor)
Department of Botany, University of Delhi, Delhi-7
Ph: 011-651-59023 Cell : 9868210236
Email: drskumar35@gmail.com
Web : www.ramjascollege.edu