

Indo-US Symposium on Botanical Drug Development

13–14 December 2013

Jointly Organized by



CSIR-Indian Institute of Integrative Medicine,
Jammu, INDIA



MDRI, Medanta - Medicity,
Gurgaon, INDIA



National Center for Natural Products Research
The University of Mississippi, USA

Medicinal plants have been used for centuries as herbal botanical drugs in different indigenous systems of medicine world over. The potential of botanical drugs and their integration in the modern system of medicine is being realized and various regulatory bodies across the globe including USFDA have created regulatory pathway for their clinical trials and approvals.

Increasing demand for botanical drugs has to be supported with authentication and standardization based on molecular and chemical markers, captive cultivation as well as 'chemistry manufacturing and control (CMC)', bio-efficacy, and preclinical safety/toxicity studies, adhering to GMP and regulatory parameters, and clinical trials.

Considering the global recognition and potential of botanical drugs and their growing integration in modern medicine, this niche symposium has been planned. The symposium will include eminent speakers from Industries, R&D institutions, nonprofit institutions, regulatory authorities, such as US-FDA.

Focus areas of Symposium

- Sustainable supply of botanical raw materials. Collection, authentication, identification and processing of Botanicals.
- Quality control of plant products using traditional and contemporary techniques.
- Isolation techniques for markers for standardization.
- Bio-evaluation, safety of and preclinical toxicity studies.
- Regulatory aspects of bioactive NCEs and botanicals/nutraceuticals/dietary supplements.
- Industry-institute partnership for improving quality compliance.
- GMP, manufacturing and formulation of botanicals/dietary supplements.

Invited Speakers

Allen D. Gelfius, US-FDA, USA
Corey Hilmas, US-FDA, USA
Daniel Fabricant, US-FDA, USA
L. Walker, University of Mississippi, USA
Richard L. Summers, University of Mississippi, USA
Ikhlas A. Khan, University of Mississippi, USA
Srinivasan Vijayakumar, University of Mississippi, USA
Farhana Khan, US-FDA (India Office)
Ranjit Roy Chaudhury, NAMS, New Delhi, India
Naresh Trehan, Medanta, Gurgaon, India
G. Geeta Krishnan, Medanta, Gurgaon, India
Rama Jayasundar, AIIMS, New Delhi, India
Y.K. Gupta, AIIMS, New Delhi, India
Ashok Vaid, Medanta, Gurgaon, India
Ranjit Puranik, Shri Doot Papeshwar Ltd., Mumbai, India
Manu Jaggi, Dabar Research Foundation, Ghaziabad, India
Ramesh Mullangi, Jubilant Biosys, Bangalore, India
Prakash Diwan, College of Pharmacy, Hyderabad, India
Sudeep Kumar, CSIR, New Delhi, India
Renu Swarup, DBT, New Delhi, India
G. J. Samathanam, DST, New Delhi, India

Venue: Medanta Duke Research Institute (MDRI), Medanta – Medicity, Gurgaon, India

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