

"Indo-US Symposium on Ayurvedic Siddha & Unani (ASU) drugs : Development and Marketing"

Organised by : **Center for Research on Indian Systems of Medicine
(CRISM)**

AGENDA

**"Indo-US Symposium on Ayurvedic Siddha & Unani (ASU) drugs : Development and Marketing"
December 2-4, 2009**

International Guest House, NASC Complex, Dev Prakash Shastri Marg, Pusa,
New Delhi 110 012

Programme

Day 1: Wednesday, 2 December 2009

Inaugural Session

10:00 – 11:00	Registration	(Tea /Coffee)
11:00 – 11:10	Welcome Address:	Sh. B. Anand, Joint Secretary, Dept. of AYUSH
11:10 – 11:15	Introductory Remarks:	Prof. Larry Walker, Research Professor of Pharmacology, The University of MS, USA
11:15- 11:20		Dr. Albinus D'sa, Deputy Country Director US FDA New Delhi
11:20 – 11:25		Prof. Ikhlas Khan, Director FDA Programme, the University of MS, USA
11:25 – 11:35	Interfaces: Present & Future of CRISM	Dr. G. N. Qazi, Vice Chancellor, Jamia Hamdard
11:35 – 12:00	Keynote Address:	Prof. R. Kumar, Honorary Professor, JNCASR, I.I.Sc., Bangalore
12:00 - 12:10	Presidential Remarks:	Mrs. S. Jalaja, Secretary, Dept. of AYUSH
12:10 – 12:20	Inaugural Address:	Thiru S. Gandhiselvan Hon'ble Minister of State for Health & F.W., Govt. of India
12:20 – 12:30	Vote of thanks:	Dr. Y. S. Bedi, IIM (CSIR), Jammu

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12:30 – 13: 30 *Lunch Break*

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Session I: General Overview of three systems: Ayurveda, Sidha & Unani Medicine

Theme : Understanding Indian systems of medicine

Chair	Shri. S.K. Panda	Joint Secretary, Department of AYUSH, Ministry of H & F.W
Rapporteur	Dr. Jalis Subhani	Assistant Adviser (Unani), AYUSH

- 13:30 – 13:45: Overview of Ayurveda by **Dr. Rama Jayasunder**, AIIMS, New Delhi
- 13:45 – 14:00: Unani Medicine- An Introduction by **Prof. K.M.Y. Ameen**, AMU, Aligarh
- 14:00 – 14:20: Overview of the Department of AYUSH by **Mrs. Meenakshi Negi**, Director, Department of AYUSH, Ministry of Health & FW

Session II: Bringing Ayurveda to Canada: Snapshot of Science, Industry and Regulations

Chair	Dr. Paula N. Brown	Director, Integrative Bioscience Research Cluster, British Columbia Institute of Technology
Co-Chair	Ms. Hazrah Moothoo	Scientist, British Columbia Institute of Technology
Rapporteurs	Dr. J. Pandey	Jt. Advisor (Ay.) Dept. of AYUSH, MoH&F.W.
	Dr. Sreedhar Rao	Consultant (IC) Dept. of AYUSH, MoH& F.W.

- 14:20 – 14:25: Introduction & Welcome
- 14:25 – 14:50: Pathfinding Opportunities for Applied Research and Development in Canada: Agriculture, Food and Natural Health Products by **Brad Niblock** First Secretary (Science & Technology) an Trade Commissioner, Canadian High Commission, New Delhi, India
- 14:50 – 15:15: The Canadian Natural Health Product Marketplace: Opportunities for Ayurveda by **Sahail Shariff**, Senior Business Development Officer, Applied Research Liaison Office, BC Institute of Technology on behalf of **Mr. Gary Leong**, VP, Scientific & Technical Affairs, Jamieson Laboratories Limited
- 15:15 – 15:30: Tea/coffee break**
- 15:30 – 15:55: Accessing the Canadian Market: Developing Quality Standards by **Dr. Paula N. Brown**, Director of Applied Research in Biosciences, British Columbia Institute of Technology
- 15:55 – 16:20: Ayurvedic Products in Canada: Science-based Strategies for Research & Commercialization by **Prof. Praveen K. Saxena**, Professor, Department of Plant Agriculture, University of Guelph

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16:20 – 16:45: Using Modern Technology to Explore Ancient Knowledge by **Dr. Susan J. Murch**, Canada Research Chair in Natural Products Chemistry, University of British Columbia

16:45 – 17:15: **Open Discussion & Wrap up**

Note : Each Lecture restricted to 20 minutes followed by 5 minutes question-answer / discussion

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Day 2: Thursday, 3 December 2009

Session III: Raw Material: General considerations

Theme : Sustainable supply of quality raw material

Chair	Prof. Larry Walker	Director, National Center for Natural Products Research, The University of Mississippi, USA
Co-Chair	Shri. A. P. Appaji	Executive Director, Pharmexcil
Rapporteurs	Dr. Asad Pasha	Dy. Advisor (Unani), Dept. of AYUSH, MoH& F.W.
	Dr. G.V.R. Joseph	Assistant Director (Botany), CCRAS

- 09:00 – 09:25: Demand and Supply of Medicinal Plants in India by **Dr. D. K. Ved**, FRLHT, Bangalore
- 09:25 – 09:50: Raw drugs: short supply & substitution of ASU drugs by **Dr. Padma Venkat**, FRLHT, Bangalore
- 09:50 – 10:15: Sustainable supply of quality raw material for the AYUSH / herbal Industry - Government initiatives by **Sh. B. S. Sajwan**, CEO, NMPB
- 10:15 – 10:25: Remarks by the Chairman
- 10:25 – 10:40: Tea/coffee break**

Session IV: Standardization, Efficacy & Safety Assessment of ASU drugs Botanical products

Theme : Herbal drugs for global market Problems and new initiatives

Chair	Prof. S. S. Handa	Ex Director, IIM, Jammu
Co-Chair	Dr. G.S. Lavekar	Director General, CCRAS
Rapporteurs	Dr. Manoj Naseri	Jt. Advisor (Ay.), Dept. of AYUSH
	Dr. A. Srivastava	Research Officer (Ayurveda), CCRAS

- 10:40 – 11:05: General Considerations for the Validation of Identity Methods for Botanical Ingredients used in Phytomedicines, Dietary Supplements and Natural Health Products by **Dr. Joseph M. Betz** (NIH)
- 11:05 – 11:30: Standardisation & Quality Control of Ayurveda, Siddha - Unani Medicines by **Dr. S.K.Sharma**, Advisor (Ay)
- 11:30 – 11:55: Natural Products drug discovery: New Avenues from new biology by **Dr. Ram A. Vishwakarma**, Director, IIM, Jammu
- 11:55 – 12:20: Issues and Trends in the Botanical Dietary Supplement Market by **Mark Blumenthal**, American Botanical Council.
- 12:20 - 12:45: An overview of botanical Research in NCCAM by **Dr. Craig Hopp**, NCCAM, USA

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12:45 – 12:55: Remarks by the Chairperson

12:55 - 14:00: **Lunch Break**

Note : Each Lecture restricted to 20 minutes followed by 5 minutes question-answer / discussion

Session V: Clinical trials in Botanicals

Theme : Pre Clinical / Clinical studies for safety & efficacy of ASU & botanical products

Chair	Dr. G. N. Qazi	Vice Chancellor, Jamia Hamdard
Co-Chair	Dr. Mohammed Khalid Siddiqui	Director General, CCRUM, New Delhi
Rapporteurs	Dr. A. Raghu	Assistant Adviser (Ayurveda), AYUSH
	Dr. Ghazala Javed	Assistant Director (Unani), CCRUM

14:00 – 14:25: Issues in the Clinical trials of ASU drugs by **Prof. Y. K. Gupta / Dr. K. H. Reeta, AIIMS**

14:25 – 14:50: Antifilarial potential of Ayush SL formulations by **Dr. G. S. Lavekar**, Director General, CCRAS

14:50 – 15:15: Vitiligo Repigmentation – A Cosmetic need: Treatment of Vitiligo with Unani formulations by **Dr.M. A. Waheed**

15:15 – 15:25: Remarks by Chairman

15:25 – 15:40 *Tea / Coffee Break*

Session VI: Regulatory Aspects of Botanicals

Theme : Normalization of Regulations for acceptability across the globe.

Chair	Dr. Joseph M. Betz	Director, Dietary Supplement Methods and Reference Materials, ODS, NIH, USA
Co-Chair	Prof. Ikhlas A. Khan	Director (FDA Program), NCNPR, University of Mississippi
Rapporteurs	Dr. Adarsh Kumar	Assistant Director (Ayurveda), CCRAS
	Dr. M.Fazil khan	Assistant Director (Unani), CCRUM

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- 15:40 – 16:05: Global Regulatory Scenario and way forward for the ASU Industry by
Dr Deepika Gunawant
- 16:05 – 16:30: Good Manufacturing Practices: current Indian scenario and future
strategies by **Ranjit Puranik**, CEO, SDL, Mumbai
- 16:30 – 16:55: Voluntary Certification – A New Initiative to promote AYUSH products by **Mr.
Anil Jauhri**, Advisor (NABCB), Quality Council of India
- 16:55 – 17:05: Remarks by the Chairman

**Note : Each Lecture restricted to 20 minutes followed by 5 minutes question-answer /
discussion**

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Day 3: Friday, 4 December 2009

Session VII: Herbal / Botanical drugs in ASEAN / SAARC Countries

Theme : Current status and future strategies on herbal drug research and marketing

Chair	Dr.M.K. Siddiqui	Director General, CCRUM
Rapporteurs	Dr. Agnihotri	Consultant (Chemistry), PLIM, Dept. of AYUSH, MoH& F.W., New Delhi
	Dr. Gaurav Sharma	R.O. (Ayurveda), CCRAS, Dept. of AYUSH, MoH& F.W.

09:00 – 10:00: Issues related to ASEAN and SAARC Countries

10:00 – 11:00: Issues related to State Governments.

11:00 – 11:20 Tea/coffee break

Session VIII: Group Discussion (Concurrent sessions : 11:20 – 13:00)

Group I: Issues related to Quality control & standardization

Group II: Issues related to safety and efficacy

Group III: Issues related to Marketing & commerce

Group IV: Issues related to Regulatory Affairs (State Govt. Group)

13:00 – 14: 00 Lunch Break

Session IX : Presentations by Group Leaders (14:00 – 15:00)

Chairperson: *Mrs . S. Jalaja, Secretary (AYUSH)*

Group I: Issues related to Quality control & standardization

Group II: Issues related to safety and efficacy

Group III: Issues related to Marketing & commerce

Group IV: Issues related to Regulatory Affairs

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Followed by Plenary Discussion

Summary	Shri B. Anand
Concluding remarks	Prof. Ikhlas A. Khan (Mrs.) S. Jalaja, Secretary, AYUSH
Vote of Thanks	Ms. Meenakshi Negi Director Dept. of AYUSH
16:30:	Tea / Coffee

END OF THE SYMPOSIUM