

## Agenda

### Indo-US Symposium on Methodology of Research in Indian Systems of Medicine

8 - 9 December 2010

The Atria Hotel, Bangalore, Karnataka, India

## PROGRAMME

### Day 1: Wednesday, 8 December 2010

#### INAUGURAL SESSION

09:00–10:00	<b>Registration</b>	
10:00–10:05	Welcome & Introductory Remarks	<b>Prof. Shakir Jamil</b> , Director General Central Council for Research in Unani Medicine (CCRUM), New Delhi, India
10:05–10:10	Remarks	<b>Dr. S.K. Sharma</b> , Adviser (Ayurveda) Department of AYUSH Ministry of Health & Family Welfare Government of India
10:10–10:17	Remarks	<b>Dr. E.V. Ramana Reddy</b> , IAS Secretary, Health & Family Welfare Department, Government of Karnataka
10:17–10:24	Remarks	<b>Shri M.K. Shankaralinge Gowda</b> , IAS Secretary, Medical Education Department, Government of Karnataka
10:24–10:31	Remarks	<b>Shri R. Roshan Baig</b> Hon'ble Member of Legislative Assembly Shivajinagar, Bangalore
10:31–10:38	Remarks	<b>Shri P.C. Mohan</b> , Hon'ble Member of Parliament, Bangalore Central

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10:38–10:48	Presidential Address	<b>Shri Anil Kumar</b> , Secretary Department of AYUSH Ministry of Health & Family Welfare Government of India
10:48–10:58	Address	<b>Shri B. Sriramulu</b> , Hon'ble Minister for Health & Family Welfare, Government of Karnataka
10:58–11:08	Address	<b>Shri S.A. Ramadas</b> , Hon'ble Minister for Medical Education, Government of Karnataka
11:08–11:23	Inaugural Address	<b>Shri S. Gandhiselvan</b> Hon'ble Minister of State for Health & Family Welfare, Government of India
11:23–11:28	Vote of Thanks	<b>Dr. Y.S. Bedi</b> , Scientist IIIM, Jammu Tawi, India
11:28–12:00	<b><i>Tea/Coffee Break</i></b>	

**PLENARY SESSION**

12:00–12:05	Introductory Remarks	<b>Dr. Ram Vishwakarma</b> , Director Indian Institute of Integrative Medicine (IIIM), Jammu Tawi, India
12:05–12:15	Remarks	<b>Prof. Ikhlas A. Khan</b> , Assistant Director Director of FDA Program Research Professor and Professor Department of Pharmacognosy National Center for Natural Products Research (NCNPR) School of Pharmacy The University of Mississippi, USA
12:15–12:30	Keynote Address	<b>Prof. S.S. Handa</b> , Chairman Pharmacopoeia Commission for Indian Medicine, New Delhi
12:30–12:40	Remarks by the Chairperson	<b>Dr. G.N. Qazi</b> , Vice Chancellor Jamia Hamdard, New Delhi, India
12:40–13:30	<b><i>Lunch Break</i></b>	

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#### Day 1: Wednesday, 8 December 2010

##### INAUGURAL SESSION

10:00–11:00	<b>Registration &amp; Tea/Coffee</b>	
11:00–11:05	Welcome & Introductory Remarks	<b>Prof. Shakir Jamil</b> , Director General Central Council for Research in Unani Medicine (CCRUM) New Delhi, India
11:05–11:15	Remarks	<b>Prof. Larry Walker</b> , Director National Center for Natural Products Research (NCNPR), Research Professor, Research Institute of Pharmaceutical Sciences (RIPS), & Professor of Pharmacology, School of Pharmacy The University of Mississippi, USA
11:15–11:25	Remarks	<b>Dr. G.N. Qazi</b> , Vice Chancellor Jamia Hamdard, New Delhi, India

11:25–11:35	Remarks	<b>Prof. Ikhlas A. Khan</b> , Assistant Director Director of FDA Programme Research Professor and Professor Department of Pharmacognosy National Center for Natural Products Research (NCNPR) School of Pharmacy The University of Mississippi, USA
11:35–11:40	Remarks	<b>Dr. S.K. Sharma</b> , Advisor (Ayurveda) Department of AYUSH Ministry of Health & Family Welfare Government of India
11:40–11:45	Remarks	<b>Dr. Ram Vishwakarma</b> , Director Indian Institute of Integrative Medicine (IIIM), Jammu Tawi, India
11:45–11:55	Keynote Address	<b>Prof. S.S. Handa</b> , Chairman Pharmacopoeia Commission for Indian Medicine, New Delhi
11:55–12:05	Presidential Address	<b>Shri Anil Kumar</b> , Secretary Department of AYUSH Ministry of Health & Family Welfare Government of India
12:05–12:20	Inaugural Address	<b>Shri S. Gandhiselvan</b> Hon'ble Minister of State for Health & Family Welfare Government of India
12:20–12:25	Vote of Thanks	<b>Dr. Y.S. Bedi</b> , Scientist IIIM, Jammu Tawi, India
12:25–13:30	<b>Lunch Break</b>	

**Wednesday, 8 December 2010**

**SESSION I**

**Integration through Intersystem Collaborative Research**

Chairpersons	<b>Dr. Ram Vishwakarma</b>	Director, Indian Institute of Integrative Medicine (IIIM), Jammu Tawi, India
	<b>Prof. Tajuddin</b>	Dean, Faculty of Unani Medicine, Aligarh Muslim University (AMU), Aligarh, India
Rapporteurs	<b>Dr. S.A. Pasha</b>	Deputy Adviser (Unani), Department of AYUSH Ministry of Health & Family Welfare Government of India
	<b>Dr. M.M. Padhi</b>	Deputy Director, Central Council for Research in Ayurveda & Siddha (CCRAS), New Delhi, India

- 13:30–13:50 *Pre-clinical safety study of Ayurvedic Ras Aushadhies (herbo-metallic formulations) commonly practiced in Arthritis and Dyslipidaemia* by **Prof. Y.K. Gupta**, Department of Pharmacology, All India Institute of Medical Sciences (AIIMS), New Delhi, India
- 13:50–14:10 *Integrating modern dermatology and Ayurveda in the treatment of filariasis and lymphoedema in India* by **Dr. Saravu R. Narahari**, Director, Institute of Applied Dermatology, Kasaragod, Kerala, India
- 14:10–14:30 *Whole systems research in system validation in Ayurveda* by **Dr. G.G. Gangadharan**, Medical Director, Institute of Ayurveda and Integrative Medicine (I-AIM), Foundation for Revitalisation of Local Health Traditions (FRLHT), Bangalore, India
- 14:30–14:50 *Validation of Unani treatment in Hypertension* by **Dr. A.N. Ansari**, Lecturer, Department of Moalajat, NIUM, Bangalore, India and **Prof. M.A. Jafri**, Director, NIUM, Bangalore, India
- 14:50–15:00 Remarks by the Chairpersons
- 15:00–15:25 **Tea/Coffee Break**

## Wednesday, 8 December 2010

### SESSION II

#### Clinical Research on ASU Drugs: The US Perspective

Chairpersons	<b>Dr. G.N. Qazi</b>	Vice Chancellor, Jamia Hamdard, New Delhi
	<b>Dr. A.P. Appaji</b>	Executive Director, Pharmexcil, Hyderabad, India
Rapporteurs	<b>Dr. Akhtar Siddiqui</b>	Faculty of Medicine (Unani), Jamia Hamdard, New Delhi, India
	<b>Dr. P. Madhavikutty</b>	National Research Institute for Panchakarma (NRIP), Cheruthuruthy, Thrissur District, Kerala

- 15:25–15:50 *Scientific validation of the use of Triphala as an antioxidant – The botanicals route* by **Prof. Ikhlas A. Khan**, Director of FDA Program, NCNPR, The University of Mississippi, USA
- 15:50–16:15 *Technical and regulatory challenges to clinical research on botanicals: An NIH perspective* by **Dr. Joseph M. Betz**, Director, Dietary Supplement Methods & Reference Materials, National Institute of Health (NIH), Bethesda, USA
- 16:15–16:40 *Standardization and quality control of polyherbal formulation in the prevention and management of metabolic disorders with reference to US FDA requirements* by **Prof. G.P. Dubey**, Banaras Hindu University (BHU), Varanasi, India
- 16:40–17:05 *Human Genome and personalized Medicine* by **Prof. Floyd H. Chilton**, Professor, Physiology & Pharmacology, Comprehensive Cancer Center, Translational Science Institute, Wake Forest University, North Carolina, USA
- 17: 05–17:25 *Standard of evidence for safety and efficacy: Clinical trial for natural health products* by **Dr. Sahail Shariff**, British Columbia, Canada
- 17: 25–17:35 Remarks by the Chairpersons

**Wednesday, 8 December 2010**

**SESSION III**

**Focussed Research on Targeted Clinical Conditions**

Chairpersons	<b>Prof. Larry Walker</b>	Director, National Center for Natural Products Research (NCNPR), The University of Mississippi, USA
	<b>Prof. Shakir Jamil</b>	Director General, CCRUM, New Delhi, India
Rapporteurs	<b>Dr. Khalid M. Siddiqui</b>	Assistant Director (Unani), CCRUM, New Delhi, India
	<b>Dr. Pradeep Dua</b>	CCRAS, New Delhi, India

- 17:35–17:55     *Efficacy of UNIM-051+ UNIM 053 and UNIM 052+Unim-53 (coded Unani drugs) in the treatment of sinusitis (Iltehab-e-Tajaweeef Anaf) – A comparative clinical study by **Dr. Mushtaq Ahmed**, Director, Central Research Institute of Unani Medicine, Hyderabad, India*
- 17:55–18:15     *Management of recurrent and complex fistula – A study on non-responsive cases of modern surgical treatment by **Dr. Manoranjan Sahu**, Director, All India Institute of Ayurveda (AIIA), New Delhi, India*
- 18:15–18:35     *Clinical validation of Ilaj bit-tadbeer (Regimenal therapy) in Waja-ul-Mafasil (Osteoarthritis) by **Dr. Shariq Ali Khan**, Assistant Director (Unani) and **Prof. Shakir Jamil**, Director General, CCRUM, New Delhi, India*
- 18:35–18:55     *Clinical Research, toxicological study and fingerprinting of a multi-ingredient Siddha formulation in hyperlipidemia by **Dr. S. Thanikachalam**, Chairman, Sri Ramachandra University, Chennai, India*
- 18:55–19:05     Remarks by the Chairpersons

## Day 2: Thursday, 9 December 2010

### SESSION IV Research Methodology for ASU Drugs

Chairpersons	<b>Prof. S. Khalifattullah</b>	President, Niamat Science Academy, Chennai, India
	<b>Prof. R.H. Singh</b>	Emeritus Scientist, BHU, Varanasi, India
Rapporteurs	<b>Dr. Shamshad A. Khan</b>	Deputy Director (Chemistry) CCRUM, New Delhi, India
	<b>Dr. Shruti Khanduri</b>	CCRAS, New Delhi, India

- 9:30–9:50 *The role of experimental pharmacology in Unani drug selection and optimization for clinical trials* by **Prof. K.M.Y. Amin**, AMU, Aligarh, India
- 9:50–10:10 *Level of evidence in Ayurveda clinical research* by **Dr. Ramesh Babu**, Director General, CCRAS, New Delhi, India
- 10:10–10:30 *Evaluation of immunomodulatory property of AYUSH products* by **Dr. Udai Kumar Ranga**, Molecular Biology and Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore, India
- 10:30–10:50 *Evaluation of mechanism based efficacy profile of an Ayurveda formulation in the prevention and management of neuro-degenerative disorders* by **Dr. Aruna Agarwal**, BHU, Varanasi, India
- 10:50–11:00 Remarks by the Chairpersons
- 11:15–11:30 **Tea/Coffee Break**

**Thursday, 9 December 2010**

**SESSION V**

**Research on Traditional and Proprietary ASU Drugs:  
Industry Perspective**

Chairpersons	<b>Prof. M.A. Jafri</b>	Director, NIUM, Bangalore, India
	<b>Dr. Bhushan Patvardhan</b>	Director, I-AIM, Bangalore, India
Rapporteurs	<b>Dr. Vijay Agnihotri</b>	Institute of Himalayan Bioresource Technology (IHBT), Palampur, India
	<b>Dr. Farah Ahmed</b>	Research Officer (Unani), CCRUM, New Delhi, India

- 11:30–11:50 *Initiatives of Government of India in pharmacopoeial standards and drug quality control* by **Dr. S.K. Sharma**, Advisor (Ayurveda), Department of AYUSH, Ministry of Health & Family Welfare, Government of India
- 11:50–12:10 *Globalization of Unani Medicine: Industry perspective* by **Dr. Asim Ali Khan**, Associate Professor, Jamia Hamdard, New Delhi, India
- 12:10–12:30 *An experience with Sphaeranthus indicus extract (Tinefcon) in patients suffering from psoriasis* by **Dr. Vijay Chauhan**, Executive Vice-President, Piramal Life Sciences Limited, Mumbai, India
- 12:30–12:50 *Ayurvedic Treatment for Migraine: Pharmaceutical perspective* by **Vaidya Balendu Prakash**, Founding Director, Vaidya Chandra Prakash Cancer Research Foundation (VCPCRF), Dehradun, India
- 12:50–13:10 *Accessing the Canadian marketplace: Is there an advantage to conducting clinical trials?* by **Dr. Hazrah Moothoo**, British Columbia Institute of Technology, Burnaby, BC, Canada
- 13:10–13:20 Remarks by the Chairpersons
- 13:20–14:30 **Lunch Break**

## Thursday, 9 December 2010

### CONCLUDING SESSION

14:30–14:40	Opening Remarks	<b>Dr. Y.S. Bedi</b> , Scientist, IIIM, Jammu Tawi, India
14:40–15:40	Open House Discussion	
15:40–15:55	Summary of Presentations	<b>Dr. R. Sarwal</b> , Joint Secretary, Department of AYUSH Ministry of Health & Family Welfare Government of India
15:55–16:05	Concluding Remarks	<b>Prof. Ikhlas A. Khan</b> , Assistant Director Director of FDA Programme Research Professor and Professor Department of Pharmacognosy National Center for Natural Products Research (NCNPR) School of Pharmacy The University of Mississippi, USA
16:05–16:25	Valedictory Address	<b>Mrs. Shailaja Chandra</b> Former Secretary, Department of AYUSH Ministry of Health & Family Welfare Government of India
16:25–16:30	Vote of Thanks	<b>Prof. M.A. Jafri</b> , Director, National Institute of Unani Medicine (NIUM) Bangalore, India
16:30	<b>Tea/Coffee</b>	

**END OF THE SYMPOSIUM**