



SPECIAL CENTRE FOR MOLECULAR MEDICINE
JAWAHARLAL NEHRU UNIVERSITY, NEW DELHI

Cordially invites you to the

7th Symposium on

Frontiers in Molecular Medicine 2017

March 23-24, 2017

featuring

Distinguished Lecture

Prof. M. S. Valiathan,

National Professor, Manipal University, Manipal

V. Ramalingaswami Memorial Lecture

Prof. Balram Bhargava

AIIMS, New Delhi

B. K. Bachhawat Memorial Lecture

Prof. K. N. Ganesh

Director, IISER, Pune

Special Lecture on Molecular Medicine

Prof. V. Nagaraja

IISc, Bangalore & President JNCASR

Venue: Auditorium-II, Convention Centre, JNU, New Delhi – 110067

Organizing Committee Members: Prof. V. Tandon, Prof. G. Mukhopadhyay, Prof. C. K. Mukhopadhyay, Prof. R. K. Tyagi,
Prof. S. K. Dhar, Prof. G. Das, Dr. A. Ranganathan, Dr. S. Bhattacharjee, Dr. S. Singh, Dr. S. Aijaz, Dr. D. Ghosh
Programme overleaf

PROGRAM

Inaugural Session

March 23 , 2017

08:30 - 09:20 a.m.	Registration
09:30 - 09:35 a.m.	Lamp Lighting
09:35 - 09:45 a.m.	Welcome Address by <i>Vibha Tandon, Chairperson, SCMM, JNU</i>
09:45 - 09:55 a.m.	Inaugural Address by <i>Prof. M. Jagadesh Kumar, Vice-Chancellor, JNU</i>
09:55 - 10:05 a.m.	Future endeavors of JNU in Science by <i>Prof. S. C. Garkoti , Rector II, JNU</i>
10:05 - 10:10 a.m.	Introduction of Speaker by <i>Anand Ranganathan, SCMM, JNU</i>
10:10 - 11:00 a.m.	B. K. Bachhawat Memorial Lecture by <i>Prof. K. N. Ganesh, Director, IISER, Pune</i>
11:00 - 11:30 a.m.	High Tea
11:30 - 01:00 p.m.	Session-I Lifestyle Diseases
01:00 - 02:30 p.m.	Lunch & Poster Session
02:30 - 03:15 p.m.	Session-II Special Lecture on Molecular Medicine by <i>Prof. V. Nagaraja</i>
03:15 - 04:15 p.m.	Session-III Radioprotectors & Radiosensitizers in Cancer
04:15 - 05:05 p.m.	Session-IV V. Ramalingaswami Memorial Lecture by <i>Prof. Balram Bhargava</i>
05:05 - 05:30 p.m.	Tea
07:00 p.m. Onwards	Conference Dinner

March 24, 2017

09:00 to 09:20 a.m.	Tea
09:30 -10:20 a.m.	Session-V Distinguished Lecture by <i>Prof. M. S. Valiathan</i>
10:20 -10:40 a.m.	High Tea
10:45 - 12:00 noon	Session-VI Traditional Medicine in Modern Times
12:00 - 01:30 pm	Session-VII Cellular Basis of Pathogenesis
01:30 - 03:00 p.m.	Lunch & Poster Session
03:00 to 04:30 p.m.	Session-VIII Infectious Diseases
04:30 to 05:00 p.m.	Valedictory Session



SPECIAL CENTRE FOR MOLECULAR MEDICINE

Jawaharlal Nehru University, New Delhi -110 067

announces

7th Symposium on

Frontiers in Molecular Medicine-2017



Distinguished Lecture

Padma Vibhushan M. S. Valiathan

National Professor, Manipal University, Manipal

Special Lectures



V. Ramalingaswami Memorial Lecture

Padma Shree Balram Bhargava

AIIMS, New Delhi



B. K. Bachhawat Memorial Lecture

Prof. K. N. Ganesh

Director, IISER, Pune



Special Lecture on Molecular Medicine

Prof. V. Nagaraja

President JNCASR & IISc, Bangalore

Invited lectures

Damodar Gupta

DRDO-INMAS, New Delhi

N. Srikanth

CCRAS- Ayush, New Delhi

Neeraj Jain

National Brain Research Centre, Gurgaon

Prasenjit Guchhait

Regional Center for Biotechnology, Faridabad

Pushkar Sharma

National Institute of Immunology, New Delhi

Rakesh Maurya,

Central Drug Research Institute, Lucknow

Rana P. Singh

School of Life Sciences, JNU, New Delhi

Sarika Gupta

National Institute of Immunology, New Delhi

Sanjay Banerjee

THSTI-Drug Discovery Research Center, Gurgaon

Santosh K. Sandur

Bhabha Atomic Research Centre, Mumbai

Soumen Basak

National Institute of Immunology, New Delhi

Sourav Banerjee

National Brain Research Centre, Gurgaon

U. D. Gupta

National JALMA Institute, Agra

Yogendra Singh

Department of Zoology, University of Delhi, Delhi

March 23-24, 2017, 8:30 am onwards

Venue: Auditorium-II, Convention Centre, Jawaharlal Nehru University, New Delhi -110067

All are cordially invited

7th Symposium

On

Frontiers in Molecular Medicine 2017

23rd March: Day-I

INAUGURAL SESSION

8:30 to 9:20 a.m.	Registration
9:30 to 9:35 a.m.	Lamp Lighting
9:35 to 9:45 a.m.	Welcome Address by Vibha Tandon, Chairperson, SCMM, JNU
9:45 to 9:55 a.m.	Inaugural Address by M. Jagadesh Kumar, Vice-Chancellor, JNU
9:55 to 10:05 a.m.	Future endeavors of JNU in Science, S. C. Garkoti , Rector II, JNU
10:05 to 10:10 a.m.	Introduction of Speaker by Anand Ranganathan, SCMM, JNU
10:10 to 11:00 a.m.	B. K. Bachhawat Memorial Lecture by K. N. Ganesh, Director, IISER, Pune Title: Nucleic acid based molecular medicines: New Generation PNA Analogues for Effective Cell permeation.
11:00 to 11:30 am	High Tea

Session-I

Lifestyle Diseases

Session Chair: C. K. Mukhopadhyay, SCMM and Rakesh Bhatnagar, SBT, JNU

11:30 to 12:00	Sanjay Banerjee, THSTI-Drug Discovery Research Center, Gurgaon Title: The impact of lower vitamin D metabolites levels on coronary artery disease in type 2 diabetes patients in India.
12:00 to 12:30 p.m.	Neeraj Jain, National Brain Research Centre, Gurgaon Title: How spinal cord injuries affect the brain?
12:30 to 1:00 p.m.	Sarika Gupta , National Institute of Immunology, New Delhi Title: Regulation of glucose homeostasis by testosterone in male animal model of Type 2 diabetes mellitus.
1:00 to 2:30 p.m.	Lunch & Poster Session <i>Session Incharge: Anand Ranganathan & Shailja Singh, SCMM</i>

<p>Session-II</p> <p>Special Lecture on Molecular Medicine</p> <p>Session Chair: R. Madhubala, SLS , JNU</p>	
2:30 to 3:15 p.m.	<p>V. Nagaraja, President, JNCASR & IISc, Bangalore</p> <p>Title: Targeting topology modulators and topoisomerases of <i>Mycobacterium tuberculosis</i></p>
<p>Session-III</p> <p>Radiation & Therapeutics & Diagnostics</p> <p>Session Chair: R. K. Kale and Andrew M. Lynn, SCSS</p>	
3:15 to 3:45 p.m.	<p>Damodar Gupta, DRDO-Institute of Nuclear Medicine & Allied Science, New Delhi.</p> <p>Title: TLRs in radiation protection.</p>
3:45 to 4:15 p.m.	<p>Santosh K. Sandur, Bhabha Atomic Research Centre, Mumbai.</p> <p>Title: Development of Prophylactic and Therapeutic Radioprotectors for Clinical and Accidental exposures.</p>
4.15 to 4.45 p.m.	<p>Pratik Kumar, All India Institute of Medical Science, New Delhi</p> <p>Title; Studies of Coronary artery atherosclerotic plaque in cadaver samples using SEM- EDS.</p>
4:45 to 5:10 p.m.	Tea
<p>Session-IV</p> <p>V. Ramalingaswami Memorial Lecture</p> <p>Session Chair: Shyamal K. Goswami, SLS</p>	
5:10 to 6:00 p.m.	<p>Balram Bhargava, All Indian Institute of Medical Science, New Delhi</p> <p>Title: Life Style & Heart Diseases.</p>
7:00 p.m onwards	Conference Dinner, HRDC Lawns
<p>24th March : Day-II</p>	
<p>Session-V</p> <p>Distinguished Lecture Series</p> <p>Session Chair; Rupesh Chaturvedi , SBT& , N. Srikanth, Ayush, New Delhi</p>	
9:00 to 9:20 a.m.	Tea
9:30 to 10:20 a.m.	<p>M. S. Valiathan, National Professor, Manipal University, Manipal</p>

	Title: <i>Ayurveda and Modern Science</i>
10:20 to 10:40 a.m.	High Tea
Session-VI Traditional Medicine in Modern Times <i>Session Chair: Rakesh K. Tyagi & Gobardhan Das, SCMM</i>	
10:45 to 11:10 a.m.	Rakesh Maurya , Central Drug Research Institute, Lucknow Title: <i>Application of Traditional Knowledge in Search of Potential Leads for Drug Discovery.</i>
11:10 to 11:35 a.m.	N. Srikanth , CCRAS - Ayush, New Delhi Title: <i>Profile and Focus on Research and Development in Ayurveda and Traditional Medicine –Scope and Challenges</i>
11:35 to 12:00 noon	Rana P. Singh , School of Life Sciences, JNU, New Delhi. Title : <i>Role of Phytochemicals in Chemoprevention of Prostate cancer</i>
Session-VII Cellular Basis of Pathogenesis <i>Session Chair: Aparna Dixit, SBT & Saima Aijaz, SCMM</i>	
12:00 to 12:30 a.m.	Soumen Basak , National Institute of Immunology, New Delhi. Title: <i>An autoregulatory RelB: p50 NF-kappaB pathway exacerbates environmental drug resistance in multiple myeloma.</i>
12:30 to 1:00 a.m.	Sourav Banerjee , National Brain Research Centre, Gurgaon. Title: <i>Unnatural force of creation: Regulatory mechanism of synapse formation by non-canonical function of ubiquitination.</i>
1:00 to 1:30 a.m.	Prasenjit Guchhait , Regional Centre for Biotechnology, Faridabad. Title: <i>Hemoglobin-induced platelet activation contributes to the alterations in immune response in patients with intravascular hemolysis.</i>
1:30 to 3:00 p.m.	Lunch & Poster Session <i>Session Incharge: Anand Ranganathan, SCMM</i>
Session-VIII Infectious Diseases <i>Session Chair: Souvik Bhattacharjee & Shailja Singh SCMM</i>	
3:00 to 3:30 p.m.	Yogendra Singh , Department of Zoology, University of Delhi

	Title: <i>Success and Failure in combating Anthrax and Tuberculosis.</i>
3:30 to 4:00 p.m.	Pushkar Sharma , National Institute of Immunology, New Delhi. Title: <i>Regulation of Neuronal Cell Cycle during Differentiation and Death.</i>
4:00 to 4:30 p.m.	U.D. Gupta , National JALMA Institute for Leprosy & Other Mycobacterial Diseases, Agra Title: <i>Mw vaccine the journey from evidence to implementation.</i>
4:30 to 5:00 p.m.	Valedictory Session , Vote of Thanks by Suman K. Dhar, SCMM
5:00 to 5:30 p.m.	Tea