

One Day Satellite on
“Science and Technology for the future of Mankind”

Venue: Vigyan Bhavan, Maulana Azad Road, Central Secretariat, New Delhi, Delhi 110001

Program Schedule

8th December 2018 (Saturday)

December 8, 2018 (Saturday)		
09:00 – 18.30	Registration	
09:30 – 10:30	<i>Science and Technology for the Future of Mankind</i>	
10:30 – 11:00	Tea	
11:00 – 13.00	Future Leaders Network Meeting of Young Scientists	Meeting of President’s of Science Academics & Fellows
13:00 – 14.30	Lunch meeting with Minister of Science & Technology, Environment and Secretaries of DST, DBT, SERC, CSIR, DG-ICMR, Ministry of Health etc.	
14:30 – 16.30	Meeting of the University Vice-Chancellors and Directors of IIT, IISc, IISER, and NIPER.	Dialogue between future leaders and Eminent Scientists, including Nobel Laureates
16:30 – 17.00	Tea	
17:30 – 19:30	Meeting of Indian Science Congress Presidents, FICCI and Industry leaders	Meeting of Research Institute Directors
19:30 – 22:00	Networking	

6th World Congress on Nanomedical Sciences (ISNSCON-2018)

9 - 12 December 2018

Venue: Vigyan Bhavan, Maulana Azad Road, Central Secretariat, New Delhi, Delhi 110001

Tentative Scientific Program

December 9, 2018 (Sunday)		
08:30-09:15 Registration		
09:15-10:15 Inauguration (Main Hall) by the Hon'ble President of India Mr. Ram Nath Kovind		
Technical Session I:		Special Lecture
Chairperson: Prof. Ramesh Chandra, DU		
Special Lecture (SPL 1) (Main Hall) 10:15 – 11:15	Title: TBA Speaker: Prof. C.N.R. Rao, FRS, Linus Pauling Distinguished Professor, JNCASR, Bangalore, India	
11:15 – 11:45: Tea Break		
Technical Session II:		Special Lecture
Chairperson: Prof. Seyed E Hasnain, Jamia Hamdard		
Special Lecture (SPL 2) (Main Hall) 11:45 – 12:45	Title: Elucidation of gene regulation Speaker: Prof. Roger D Kornberg, Stanford University Medical School, USA	
12:45 – 14:00 : Lunch Break		
Technical Session III:		Plenary Lectures
Chairperson: Prof. Seyed E Hasnain, Jamia Hamdard		
Plenary Lecture (PL 1) (Main Hall) 14.00 – 14:45	Title: TBA Speaker: Prof. Ajay K Sood, Department of Physics, IISc, Bangalore, India	
Plenary Lecture (PL 2) (Main Hall) 14:45 – 15:30	Title: Nanomechanical properties, cytoskeletal organization and sustenance of normal and abnormal cells Speaker: Prof. Ratneshwar Lal, University of California at San Diego, USA	
15:30 – 16:00: Tea Break		
Technical Session IV:		Parallel Sessions (Invited Lectures 1-9): 16:00-17:30
Hall A: IL-01 to IL 03 Theme: Targeted drug delivery Chairperson: Dr. Kamalinder Singh, UK	Hall B: IL-04 to IL 06 Theme: Ultrasensitive biosensing and in vitro diagnostics Chairperson: TBA	Hall C: IL-07 to IL 09 Theme: Multimodal in vivo bioimaging and Nanotheranostics Chairperson: Prof. Prahlad Ghosh, DU
16:00 – 16:25 (IL-01) Speaker: Dr. Sanyog Jain, NIPER, Mohali	16:00 – 16:25 (IL-04) Speaker: Dr. Pratima R. Solanki, JNU, New Delhi	16:00 – 16:25 (IL-07) Speaker: Dr. Tapas Sen, UCLan, Preston, UK
16:25 – 16:50 (IL-02) Speaker: Dr. Siddik Sarkar,	16:25 – 16:50 (IL-05) Speaker: Dr. Abhisheka Bansal,	16:25 – 16:50 (IL-08) Speaker: Prof Sandeep Verma,

CSIR-IICB, Kolkata		JNU, Delhi	IIT Kanpur
16:50 – 17:15 (IL-03) Speaker: TBD		16:50 – 17:15 (IL-06) Speaker: TBD	16:50 – 17:15 (IL-09) Speaker: Dr. Mrinal Kanti Ghosh, CSIR-IICB, Kolkata
17:15-17:30 Panel Discussions		17:15-17:30 Panel Discussions	17:15-17:30 Panel Discussions
17:30 – 19:00		Tea and Poster Presentation (PP 001-100)	
19:30-21:30: Banquet Dinner			
December 10, 2018 (Monday)			
Technical Session V:		Special and Plenary Lecture	
Chairperson: Dr. Hans Bäumlner, Germany			
Special Lecture (SPL 3) (Main Hall) 09:30 – 10:30	Title: Artificial Cell and Organs Speaker: Prof. Thomas M. S. Chang, McGill University, Canada		
Special Lecture (SPL 4) (Main Hall) 10:30 – 11:30	Title: TBA Speaker: Prof. Goverdhan Mehta (FRS), University of Hyderabad, India		
11:30 – 12:00: Tea Break			
Technical Session VI:		Parallel Sessions (Short Invited Lectures 01-09): 12:00-13:00	
Hall A: SIL-01 to SIL-03 Theme: Stimuli-responsive drug delivery Chairperson: TBA	Hall B: SIL-04 to SIL-06 Theme: Tissue engineering and regenerative medicine Chairperson: TBA	Hall C: SIL-07 to SIL-09 Theme: Nanotoxicology Chairperson: TBA	
12:00 – 12:15 (SIL-01) Speaker: Dr. Shibdas Banerjee, IISER-Tirupati	12:00 – 12:15 (SIL-04) Speaker: 14. Dr. Malini Sen, IICB, Kolkata	12:00 – 12:15 (SIL-07) Speaker: Prof. Naveen Arora, IGIB, Delhi	
12:15 – 12:30 (SIL-02) Speaker: TBA	12:15 – 12:30 (SIL-05) Speaker: TBA	12:15 – 12:30 (SIL-08) Speaker: TBA	
12:30 – 12:45 (SIL-03) Speaker: TBA	12:30 – 12:45 (SIL-06) Speaker: TBA	12:30 – 12:45 (SIL-09) Speaker: TBA	
12:45 – 13:00: Panel Discussions	12:45 – 13:00: Panel Discussions	12:45 – 13:00: Panel Discussions	
13:00 – 14:00: Lunch Break			
Technical Session VII:		Plenary Lectures	
Chairperson: Prof. Bhanu Jena, Wayne State University, USA			
Plenary Lecture (PL 3) (Main Hall) 14:00 – 14:45	Title: Investigating the interaction of nanoparticles with the normal and cancerous cells Speaker: Dr. Gurer G Budak, Nanobiomed R&D Center, Ankara, Turkey		
Plenary Lecture (PL 4) (Main Hall) 14:45 – 15:30	Title: TBA Speaker: Prof. Robert G. Best, University of South Carolina School of Medicine, USA		
15:30 – 16:00 Tea Break:			
Technical Session VIII:		Parallel Sessions (Invited Lectures 10-18): 16:00-17:30	
Hall A: IL-10 to IL 12 Theme: Nanomaterials in agriculture and crop protection Chairperson: Prof. Satya Prakash,	Hall B: IL-13 to IL 15 Theme: Computational nanobiotechnology and nanobiorobotics	Hall C: IL-16 to IL 18 Theme: Clinical trials using nanomaterials Chairperson: Prof. Robert Best,	

Canada	Chairperson: Dr. Gurer Budak, Turkey	USA
16:00 – 16:25 (IL-10) Speaker: Dr. Birendra Kumar, CSIR-CIMAP, Lucknow	16:00 – 16:25 (IL-13) Speaker: Dr. Rajesh K. Murarka, IISER, Bhopal	16:00 – 16:25 (IL-16) Speaker: TBA
16:25 – 16:50 (IL-11) Speaker: TBA	16:25 – 16:50 (IL-14) Speaker: TBA	16:25 – 16:50 (IL-17) Speaker: TBA
16:50 – 17:15 (IL-12) Speaker: TBA	16:50 – 17:15 (IL-15) Speaker: TBA	16:50 – 17:15 (IL-18) Speaker: TBA
17:15 – 17:30 : Panel Discussions	17:15 – 17:30: Panel Discussions	17:15 – 17:30: Panel Discussions
17:30 – 19:00	Tea Break and Poster Presentation (PP 101-200)	
December 11, 2018 (Tuesday)		
Technical Session IX:		Plenary Lectures
Chairperson: TBA		
Plenary Lecture (PL 5) (Main Hall) 09:30 – 10:15	Title: Use of Human serum albumin nanoparticles for delivery of anti-cancer drugs, their synthesis optimization and in vitro evaluation Speaker: Prof. Satya Prakash, McGill University, Canada	
Plenary Lecture (PL 6) (Main Hall) 10:15 – 11:00	Title: TBA Speaker: Prof. Y. K. Gupta, Department of Pharmacology, AIIMS, New Delhi, India	
11:00 – 11:30: Tea Break		
Technical Session X :		Parallel Sessions (Invited Lectures 19-27): 11:30-13:00
Hall A: IL-19 to IL-21 Theme: Aspects of macromolecular chemistry Chairperson: TBA	Hall B: IL-22 to IL-24 Theme: Structural biology Chairperson: TBA	Hall C: IL-25 to IL-27 Theme: Nucleic acids and Proteins: structure, function & interactions Chairperson: TBA
11:30 – 11:55 (IL-19) Speaker: TBA	11:30 – 11:55 (IL-22) Speaker: TBA	11:30 – 11:55 (IL-25) Speaker: 10. Dr. D. Kar Chowdhuri, CSIR-IITR, Lucknow
11:55 – 12:20 (IL-20) Speaker: TBA	11:55 – 12:20 (IL-23) Speaker: TBA	11:55 – 12:20 (IL-26) Speaker: TBA
12:20 – 12:45 (IL-21) Speaker: TBA	12:20 – 12:45 (IL-24) Speaker: TBA	12:20 – 12:45 (IL-27) Speaker: TBA
12:45 – 13:00: Panel Discussions	12:45 – 13:00: Panel Discussions	12:45 – 13:00: Panel Discussions
13:00 – 14:00: Lunch Break		
Technical Session XI:		Plenary Lecture
Plenary Lecture (PL 7) (Main Hall) 14:00 – 14:45	Title: Porosomes in biology and medicine Speaker: Prof. Bhanu Jena, Wayne State University, USA	
Plenary Lecture (PL 8) (Main Hall) 14:45 – 15:30	Title: TBA Speaker: Prof. Sarman Singh, Director, AIIMS, Bhopal, India	
15:30 – 16:00 Tea Break:		
Technical Session XII:		Parallel Sessions (Short Invited Lectures 10-18): 16:00-17:00

Hall A: SIL-10 to 12 Theme: IPR in nanomedicine Chairperson: TBA	Hall A: SIL-13 to 15 Theme: Genomics, proteomics, lipidomics, metabolomics, and personalized medicine Chairperson: TBA	Hall A: SIL-16 to 18 Theme: Nanobiotechnology for antimicrobial applications Chairperson: TBA
16:00 – 16:15 (SIL-10) Speaker: Dr. Isha Sharma, Trayambak Overseas Pvt Ltd, NOIDA	16:00 – 16:15 (SIL-13) Speaker: Prof. Dwaipayan Bharadwaj, JNU, Delhi	16:00 – 16:15 (SIL-16) Speaker: Prof Prahlad Ghosh, University of Delhi
16:15 – 16:30 (SIL-11) Speaker: TBA	16:15 – 16:30 (SIL-14) Speaker: Prof Suman Kundu, University of Delhi	16:15 – 16:30 (SIL-17) Speaker: TBA
16:30 – 16:45 (SIL-12) Speaker: TBA	16:30 – 16:45 (SIL-15) Speaker: Dr. Rajiv Bhat, JNU, Delhi	16:30 – 16:45 (SIL-18) Speaker: TBA
16:45 – 17:00: Panel Discussions	16:45 – 17:00: Panel Discussions	16:45 – 17:00: Panel Discussions
17:30 – 19:00 Cultural Program		
December 12, 2018 (Wednesday)		
Technical Session XIII:		Plenary Lecture
Chairperson: TBD		
Plenary Lecture (PL 9) (Main Hall) 09:30 – 10:15	Title: TBA Speaker: Prof. Krishna N. Ganesh, Director, IISER, Thirupati, India	
Plenary Lecture (PL 10) (Main Hall) 10:15 – 11:00	Title: TBA Speaker: Prof. Debi P. Sarkar, Director, IISER, Mohali, India	
11:00 – 11:30: Tea Break		
Technical Session XIV:		Plenary Lecture
Plenary Lecture (PL 11) (Main Hall) 11:30 – 12:15	Title: Targeted and stimuli-responsive drug delivery/Artificial cells, tissues and other biological components Speaker: Dr. Hans Bäumlér, Charité – Universitätsmedizin Berlin, Berlin, Germany	
Plenary Lecture (PL11) (Main Hall) 12:15 – 13:00	Title: TBA Speaker: Prof. Chengmin Yang, Chinese Academy of Medical Sciences, Beijing, PR China	
13:00 – 14:00 : Lunch Break		
Technical Session XV :		Parallel Sessions (Short Invited Lectures 19-27): 14:00-15:00
Hall A: SIL-19 to SIL-21 Theme: Nanobiomaterials Chairperson: TBA	Hall B: SIL-22 to SIL-24 Theme: Herbal Nanomedicine Chairperson: TBA	Hall C: SIL-25 to SIL-27 Theme: Nanoformulations of drugs Chairperson: TBA
14:00 – 14:15 (SIL-19) Speaker: Dr. Karunakar Kar, JNU, Delhi	14:00 – 14:15 (SIL-22) Speaker: Prof. Kamalinder Singh, UCLan, Preston, UK	14:00 – 14:15 (SIL-25) Speaker: Dr. Yashveer Singh, IIT-Ropar
14:15 – 14:30 (SIL-20)	14:15 – 14:30 (SIL-23)	14:15 – 14:30 (SIL-26)

Speaker: Professor Prem C Pandey, IIT-BHU, Varanasi	Speaker: TBA	Speaker: 30. Dr Prem Felix Siril, IIT-Mandi
14:30 – 14:45 (SIL-21) Speaker: TBA	14:30 – 14:45 (SIL-24) Speaker: TBA	14:30 – 14:45 (SIL-27) Speaker: TBA
14:45 – 15:00: Panel Discussions	14:45 – 15:00 : Panel Discussions	14:45 – 15:00 : Panel Discussions
15:00 – 15:30: Tea Break		
15:30 – 17:30: <big>Valedictory Program and Closing Ceremony</big>		