



SYSCON 2017-18

Bridging the Gap: Basic and Clinical Research from Bench to Bedside

January 11th & 12th, 2018; Venue: JLN Auditorium, A.I.I.M.S, New Delhi



CONFIRMED SPEAKERS

- Prof. K.S. Dhiman, DG, CCRAS, Ministry of AYUSH
- Prof. R.K. Manchanda, DG, CCRH, Ministry of AYUSH
- Prof. V. Ramgopal Rao, Director, IIT Delhi
- Prof. M. Jagdish Kumar, Vice Chancellor, JNU, Delhi
- Prof. Subrata Sinha, Director, NBRC, Gurgaon
- Prof. Anil Koul, Director, IMTECH, Chandigarh
- Prof. D. Saluja, Director, ACBR, Delhi
- Dr. Ishwar V. Basavaraddi, Director, MDNIY, Ministry of AYUSH
- Dr. D.C. Katoch, Advisor (Ayurveda), Ministry of AYUSH
- Prof. Rais-Ur-Rahman, Advisor (Unani), Ministry of AYUSH
- Prof. D. Behera, Dean, PGIMER, Chandigarh
- Prof. D.B. Dhaulakhandi, Founding Head, B&MM, PGIMS, Haryana
- Prof. V.M. Katoch, Former DG, ICMR, Delhi
- Dr. G.C. Varshney, Chief Scientist, IMTECH, Chandigarh
- Dr. Sharmistha Dey, Associate Professor, Biophysics, AIIMS
- Dr. S. Tripathi, Associate Professor, Biochemistry, NIMS, Jaipur
- Dr. Bhavuk Garg, Associate professor, Orthopedics, AIIMS
- Dr. Timir Tripathi, Assistant Professor, NEHU, Shillong,
- Dr. Amit Singh, Assistant Professor, IISc, Bengaluru
- Dr. P. Bhattacharya, Assistant Professor, NIPER, Ahmedabad
- Dr. S.C. Yadav, Assistant Professor, Anatomy, AIIMS
- Dr. Sanjay S. Negi, Assistant Professor, AIIMS, Raipur
- Dr. Pratima Solanki, Assistant Professor, JNU, New Delhi
- Dr. Nirpendra Singh, Consultant (S&T), RCB, Gurgaon
- Dr. Tarun Kumar Sharma, DBT-IYBA, THSTI, Faridabad
- Dr. Mayank Singh, Dr. BRA-IRCH, AIIMS
- Dr. Dhanunjay K. Tiwari, Scientist E, DBT, GOI

REGISTRATION FEES

BSc/BTech/MSc/MTech/UG Students: 600/-
PhD/PDF/JRF/SRF/RA/RO/JR/SR: 1500/-
Faculty: 2000/-
Bonafide SYS members: No fee
(Prior registration is mandatory with proof)

CHIEF GUEST

Shri Y.S. Chowdary, Minister of State,
Science & Technology and Earth Sciences, GOI
Prof. Randeep Guleria, Director, AIIMS, New Delhi
Prof. K.S. Dhiman, DG, CCRAS, Ministry of AYUSH

SCIENTIFIC SYMPOSIUMS

Plenary Lectures
Infectious and lifestyle diseases
Genomics and Proteomics
Vaccines and Therapeutics
Updates-Diagnostics Advancement and Treatment Modalities
Interactive Session
Potential of AYUSH in Healthcare and Services in India
Young Scientist Session

SPECIAL SESSION

PANEL DISCUSSION
"India and Science:
Turning Brain Drain in to Brain Gain"

No spot registration for SYS members

SESSION CHAIR'S

- Prof. K.S. Dhiman, DG, CCRAS, Ministry of AYUSH
- Prof. D. Behera, Dean-Research, PGIMER, Chandigarh
- Prof. A.B. Dey, Head, Geriatric Medicine, AIIMS, New Delhi
- Prof. Y.K. Gupta, Head, Pharmacology, AIIMS
- Prof. T.P. Singh, INSA Senior Scientist, Biophysics, AIIMS
- Prof. Puneet Kaur, Head, Biophysics, AIIMS
- Prof. A.K. Dinda, Pathology, AIIMS
- Prof. T.S. Roy, Head, Anatomy, AIIMS
- Prof. N.K. Mehra, Former Head, TII, AIIMS
- Prof. D.N. Rao, Former Head, Biochemistry, AIIMS
- Prof. B.L. Jaikhan, Former Head, Laboratory Medicine, AIIMS
- Prof. R.N.K. Bamezai, Former Dean, SLS & SCIS, JNU, Delhi
- Prof. Sarman Singh, Laboratory Medicine, AIIMS
- Prof. Partha P. Chattopadhyay, Biochemistry, AIIMS
- Prof. Kalpana Luthra, Biochemistry, AIIMS
- Prof. Sujata Mohanty, Head, Stem Cell Facility, AIIMS
- Prof. Anant Mohan, PMSD, AIIMS
- Dr. Ashok Rattan, Laboratory Operations, PathKind Labs, India
- Dr. Pawan Sharma, Senior Consultant-Healthcare, NERBPMC, DBT

PANELISTS FOR THE DISCUSSION

- Prof. K. VijayRaghavan, Secretary, DBT, GOI
- Prof. V.K. Paul, Member, NITI Aayog, GOI
- Prof. Subrata Sinha, Director, NBRC, Gurgaon
- Prof. Dinesh Singh, Former Vice Chancellor, DU
- Prof. T.P. Singh, INSA Senior Scientist, Biophysics, AIIMS
- Prof. Y.K. Gupta, Head-Pharmacology, AIIMS
- Prof. B.L. Jaikhan, Former Head-Laboratory Medicine, AIIMS
- Prof. R.N.K. Bamezai, Former Dean, SLS & SCIS, JNU
- Dr. N.C. Jain, Head, HRD, ICMR, New Delhi
- Mr. V.S.R. Krishna, Advocate, Senior Counsel-Supreme Court

VISHAL SAHU

Convener
9990739325

PREM SHANKAR MISHRA

Organizing Secretary
9968464004/9870321581

YAKHLESH GUPTA

Co-convener
8459747318

DEEPAK VERMA

Treasurer
9999717204

RUPESH S

Co-organizing Secretary
7042750089

Executive Organizers:

Minu Kumari, Pankaj Bhatoa, Sachin
Prajapati, Aruna Singh, Mithalesh Singh

DEADLINE FOR REGISTRATION/ABSTRACT :

07th January, 2018 (11:59 pm)

Office: Society of Young Scientists®, 1st Floor, Boys Hostel No. 8, A.I.I.M.S., New Delhi-110029

Phone: 011-26593471; www.sysaiims.com, sys.aiims@gmail.com, sysconaiims2017@gmail.com @SysAiims Sys

You are cordially invited to the

SYSCON 2017-18

Bridging the Gap: Basic and Clinical Research from Bench to Bedside

Organized by

Society of Young Scientists, AIIMS

On January 11th & 12th, 2018

Venue: JLN Auditorium, A.I.I.M.S, New Delhi

CHIEF GUEST

Shri Y.S. Chowdary, Minister of State,

Science & Technology and Earth Sciences, GOI

Prof. Randeep Guleria, Director, AIIMS, New Delhi

Prof. K.S. Dhiman, DG, CCRAS, Ministry of AYUSH

Lamp Lighting & Inauguration

on January 11th, 2018

Thursday at 9:30 AM



CONVENER

VISHAL SAHU
(Chairman, SYS)
9990739325

RSVP

Prem Shankar Mishra
9870321581

Yakhlesh Gupta
8459747318

Deepak Verma
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Rupesh S
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SYSCON 2017-18

“Bridging the Gap: Between Basic and Clinical Research from Bench to Bed Side”
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New Delhi-110029



Day-1: January 11th, 2018 (Thursday) [08:30 AM-05:30 PM]	
08:30-09:30 AM	Registration
09:30-10:00 AM	Lamp Lighting and Inauguration <ul style="list-style-type: none">• Welcome address: Prof. Randeep Guleria Director, AIIMS, New Delhi• Inauguration by: Shri YS Chowdary Minister of State, Science & Technology and Earth Sciences, Government of India
10:00-11:00 AM	Scientific Session 1: Plenary Lectures
	Chair: <ul style="list-style-type: none">• Prof. TP Singh, Patron-SYS, Distinguished Professor, Biophysics, AIIMS, New Delhi• Prof. YK Gupta, Head, Pharmacology, AIIMS, New Delhi
10:00-10:05AM (Introduction)	
	Lecture <ul style="list-style-type: none">• Prof. V Ramgopal Rao, Director, IIT, Delhi “Bridging Academic R&D with Product Innovation-a few case studies and a way forward”• Dr. Anil Koul, Director, IMTECH, Chandigarh “Discovery and Development of Bedaquiline-A new drug for drug-resistant tuberculosis- Harnessing value of Innovation.”
10:06-10:25AM	
10:31-10:50 AM	
High Tea (11:00-11:30 AM)	
11:30 AM-12:30 PM	Scientific Session 2: Infectious and lifestyle diseases
	Chair: <ul style="list-style-type: none">• Prof. AB Dey, Head, Geriatric Medicine, AIIMS, New Delhi• Prof. RNK Bamezai, Former Dean SLS & SCIS, JNU
11:30-11:35AM (Introduction)	
	Talk <ul style="list-style-type: none">• Prof. D Behera, Dean Research, PGIMER, Chandigarh “Role of Institutes in bridging the gap between bench to bedside”• Prof. Subrata Sinha, Director, NBRC, Gurgaon, Haryana “Family studies of dyslexia reveal diffident molecular mechanism leading to disabilities”• Dr. Amit Singh, Assistant Professor, Microbiology and Cell Biology, IISc, Bengaluru “Ancestral Resistance of <i>Mycobacterium tuberculosis</i> towards Beta-lactam antibiotics”
11:36-11:50AM	
11:55 AM-12:10 PM	
12:15-12:30 PM	
12:30-01:00 PM	Scientific Session 3: Oral Award Presentation
	Chair: <ul style="list-style-type: none">• Prof. DN Rao, Former Head, Biochemistry, AIIMS, New Delhi• Prof. D Behera, Dean-Research, PGIMER, Chandigarh• Prof. Partha P Chattopadhyay, Biochemistry, AIIMS, New Delhi
12:30-12:35 PM (Introduction)	



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Presentation

- 12:36-12:43 PM • Oral Presentation-1
- 12:44-12:51 PM • Oral Presentation-2
- 12:52-12:59 PM • Oral Presentation-3

Lunch/Poster Evaluation (01:00-02:00 PM)

02:00-03:00 PM Scientific Session 4: Genomics and Proteomics

Chair

- 02:00-02:05 PM (Introduction) • **Prof. Punit Kaur**, Head, Biophysics, AIIMS, New Delhi
- **Prof. Sarman Singh**, Laboratory Medicine, AIIMS, New Delhi

Talk

- 02:06-02:20 PM • **Dr. Nirpendra Singh**, Consultant (S&T), RCB, Faridabad
"Alternative Protease for Proteomics"
- 02:25-02:40 PM • **Dr. Sharmistha Dey**, Associate Professor, AIIMS, New Delhi
"Plausible biomarker of Alzheimer's disease"
- 02:45-03:00 PM • Sponsor Talk-1

03:00-04:00 PM Scientific Session 5: Nanomedicine in collaboration with Indian Society for Nanomedicine

Round Table:

- 03:00-03:05 PM • **Prof. YK Gupta**, Head, Pharmacology, AIIMS, New Delhi
"Challenges of Nanotechnology in Medicine"
- 03:06-03:17 PM • **Prof. AK Dinda**, Renal & Transplant Pathology
Immunopathology Nanomedicine, AIIMS, New Delhi
"Scope of Nanomedicine: The Evolution Ahead"
- 03:18-03:29 PM • **Dr Dhanunjay Kumar Tiwari**, Scientist-E, DBT, Government of India
"Nanomedicine Research in Indian Scenario"

Talk

- 03:31-03:40 PM • **Dr. Subhash Chandra Yadav**, Assistant Professor, Anatomy, AIIMS, New Delhi
"Chimeric and targeted nano-particulate drug delivery system for subcutaneous cancer"
- 03:41-03:50 PM • **Dr. Pratima Solanki**, Assistant Professor, SCNS, JNU, New Delhi
"Prospects of Nanomaterials towards clinical diagnostics"
- 03:51-04:00 PM • **Dr. Bhavuk Garg**, Associate professor, Orthopedics, AIIMS, New Delhi
"Innovations in medicine: good for whom"

Tea/Poster Evaluation (04:00-04:30 PM)

04:30-05:30 PM Scientific Session 6: Vaccines and Therapeutics

Chair:

- 04:30-04:35 PM (Introduction) • **Prof. NK Mehra**, ICMR Dr. C.G. Pandit National Chair, AIIMS, New Delhi
- **Prof. Kalpana Luthra**, Biochemistry, AIIMS, New Delhi



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Talk	
04:36-02:50 PM	<ul style="list-style-type: none"> • Dr. Grish C Varshney, Scientist F, IMTECH, Chandigarh “Combined application of monoclonal antibodies and phage displayed peptides in the development of vaccine and drug against infectious disease”
04:55-05:10 PM	<ul style="list-style-type: none"> • Dr. Timir Tripathi, Assistant Professor, Biochemistry, NEHU, Shillong “Dynamics of thiol-based redox metabolism in the liver fluke <i>Fasciola gigantica</i> offer novel targets for drug development”
05:15-05:30 PM	<ul style="list-style-type: none"> • Sponsor Talk-2

Day-2: January 12th, 2018 (Friday) [09:00 AM-05:30 PM]

09:00-09:50 AM	Scientific Session 1: Plenary Lectures
	Chair:
09:00-09:05 AM (Introduction)	<ul style="list-style-type: none"> • Prof. YK Gupta, Head, Pharmacology, AIIMS, New Delhi • Prof. TS Roy, Head, Anatomy, AIIMS, New Delhi.
	Lecture
09:06-09:25 AM	<ul style="list-style-type: none"> • Dr. Dhara B Dhaulakhandi, Founding Head, Biotechnology & Molecular Medicine, PGIMS, Rohtak “Bridging or Unbridging-Mismatch in Fitting Benches to the Beds?”
09:30-09:50 AM	<ul style="list-style-type: none"> • Prof. M Jagadesh Kumar, Vice Chancellor, JNU, New Delhi “Philosophical Origins of being a Good Teacher and Mentor”
09:50-10:35 AM	Scientific Session 2: Updates in Diagnostics Advancement and Treatment Modalities
	Chair:
09:51-09:55 AM (Introduction)	<ul style="list-style-type: none"> • Dr. Ashok Rattan, Laboratory Operations, PathKind Labs, Pan India, Delhi • Dr. Pawan Sharma, Senior Consultant-Healthcare, NER-BPMC (DBT), New Delhi
	Talk
09:56-10:05 AM	<ul style="list-style-type: none"> • Prof. Daman Saluja, Director, ACBR, Delhi “Development of isothermal amplification based POC diagnostics for tuberculosis”
10:11-10:20 AM	<ul style="list-style-type: none"> • Dr. Pallab Bhattacharya, Assistant Professor, Pharmacology and Toxicology, NIPER, Ahmedabad “Intra-arterial stem cell therapy for Ischemic stroke: A move from bench to bedside”
10:25-10:35 AM	<ul style="list-style-type: none"> • Dr. Sanjay Singh Negi, Assistant Professor, Microbiology, AIIMS, Raipur “Human papilloma virus: Molecular diagnostic perspective”
High Tea (10:35-11:00 AM)	
11:00-11:15 AM	Interactive Session:
	Moderator:
11:00-11:05 AM (Introduction)	<ul style="list-style-type: none"> • Prof. BL Jaikhanani, Patron-SYS, Former Head, Laboratory Medicine, AIIMS, New Delhi



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11:06-11:15 AM	Talk <ul style="list-style-type: none">• Dr. VM Katoch, Former Secretary, Department of Health Research and Former Director General ICMR “Epigenetics and Epigenomics-bridging the gap between knowledge and applications”
11:15 AM-1:00 PM	Scientific session-2: "Potential of AYUSH in Healthcare and Services in India"
11:16-11:20 AM (Introduction)	Chair: <ul style="list-style-type: none">• Prof. YK Gupta, Head, Pharmacology, AIIMS, New Delhi• Prof. Surender Singh, Pharmacology, AIIMS, New Delhi
11:20-11:45 AM	Talk <ul style="list-style-type: none">• Dr. N. Srikanth, Deputy Director General, Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH, Government of India “Ayurveda and Integrative Medicine-The right approach for effective delivery of health care & Services: India Perspective”
11:55 AM-12:20 PM	<ul style="list-style-type: none">• Dr. RK Manchanda, Director General, Central Council of Research in Homoeopathy, Ministry of AYUSH, Government of India. (talk title awaited)
12:25-12:50 PM	<ul style="list-style-type: none">• Dr. DC Katoch, Advisor (Ayurveda), Ministry of AYUSH, Government of India “The scope and domain of AYUSH integration in healthcare services”.
Lunch (01:00-02:00 PM)	
02:00-03:00 PM	Talk
02:00-02:05 PM (Introduction)	<ul style="list-style-type: none">• Dr. Ishwar V. Basavaraddi, Director, Morarji Desai National Institute of Yoga, Ministry of AYUSH, Government of India “Potential of Yoga in Health and Wellness”
02:06-02:25 PM	
02:31-02:55 PM	<ul style="list-style-type: none">• Prof. Rais-Ur-Rahman, Advisor (Unani), Ministry of AYUSH, Government of India “The role of Unani Medicine in India”
03:00-03:40 PM	Scientific session-3: Young Scientist Session
	Chair:
03:00-03:05 PM (Introduction)	<ul style="list-style-type: none">• Prof. Sujata Mohanty, Head, Stem Cell Facility, AIIMS, New Delhi• Prof. Anant Mohan, Pulmonary Medicine and Sleep Disorder, AIIMS, New Delhi
	Talk
03:06-03:15 PM	<ul style="list-style-type: none">• Dr. Tarun Kumar Sharma, DBT-IYBA THSTI, Faridabad “APTADx: An aptamer based mobile POC diagnostics platform for tuberculous meningitis”
03:16-03:25 PM	<ul style="list-style-type: none">• Dr. Sandeep Tripathi, Associate Professor, Biochemistry, NIMS University, Jaipur “Excessive fluoride delineates systemic toxicity: Basic and clinical investigations”



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03:26-03:35 PM	<ul style="list-style-type: none">• Dr Mayank Singh, Assistant Professor, Dr. BRA-IRCH, AIIMS, New Delhi “Deubiquitinating enzyme USP37 promotes tolerance to replication stress”
High Tea (03:40-04:00 PM)	
04:00-05:15 PM	<p>OPEN PANEL DISCUSSION “India and Science: Turning Brain Drain in to Brain Gain”</p> <hr/> <p>Agenda: Research Portfolio, Research Policies, Research Prospects in India, Advocacy to propose to devise Research Council of India / equivalent nodal body.</p> <hr/> <p>Chairs</p> <ul style="list-style-type: none">• Prof. VK Paul Member, National Institution for Transforming India (NITI Aayog), Government of India• Prof. K. VijayRaghavan (Confirmation awaited) Secretary, DBT, Government of India <hr/> <p>Co-Chair</p> <ul style="list-style-type: none">• Prof. Subrata Sinha Director, National Brain Research Centre, Gurgaon, Haryana• Prof. YK Gupta, Head, Pharmacology AIIMS, New Delhi• Prof. Dinesh Singh Former, Vice Chancellor, University of Delhi, Delhi• Prof. TP Singh Patron-SYS, INSA Senior Scientist, Biophysics, AIIMS, New Delhi.• Prof. BL Jaikhani Patron-SYS, Former Head, Laboratory Medicine, AIIMS, New Delhi.• Prof. RNK Bamezai Former Dean, School of Life Sciences & School of Computational and Integrative Sciences, JNU, New Delhi• Dr. NC Jain, Scientist-G & Head-HRD, ICMR, New Delhi• Advocate VSR Krishna Senior Counsel, Legal Professional-Supreme Court/High Court, Ministry of Law & Justice, Government of India.• Society of Young Scientists®, AIIMS, New Delhi
05:15-05:30 PM	Prize Distribution and Valedictory



SYSCON 2017-18

Event : January 11th-12th, 2018
Venue: JLN Auditorium,
AIIMS, New Delhi 110029



Registration Form

Email address :

Name :

Gender : Mobile No:.....

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Organization :

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Participation :

Membership : SYS Members Non SYS Member

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Applicant Signature

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