

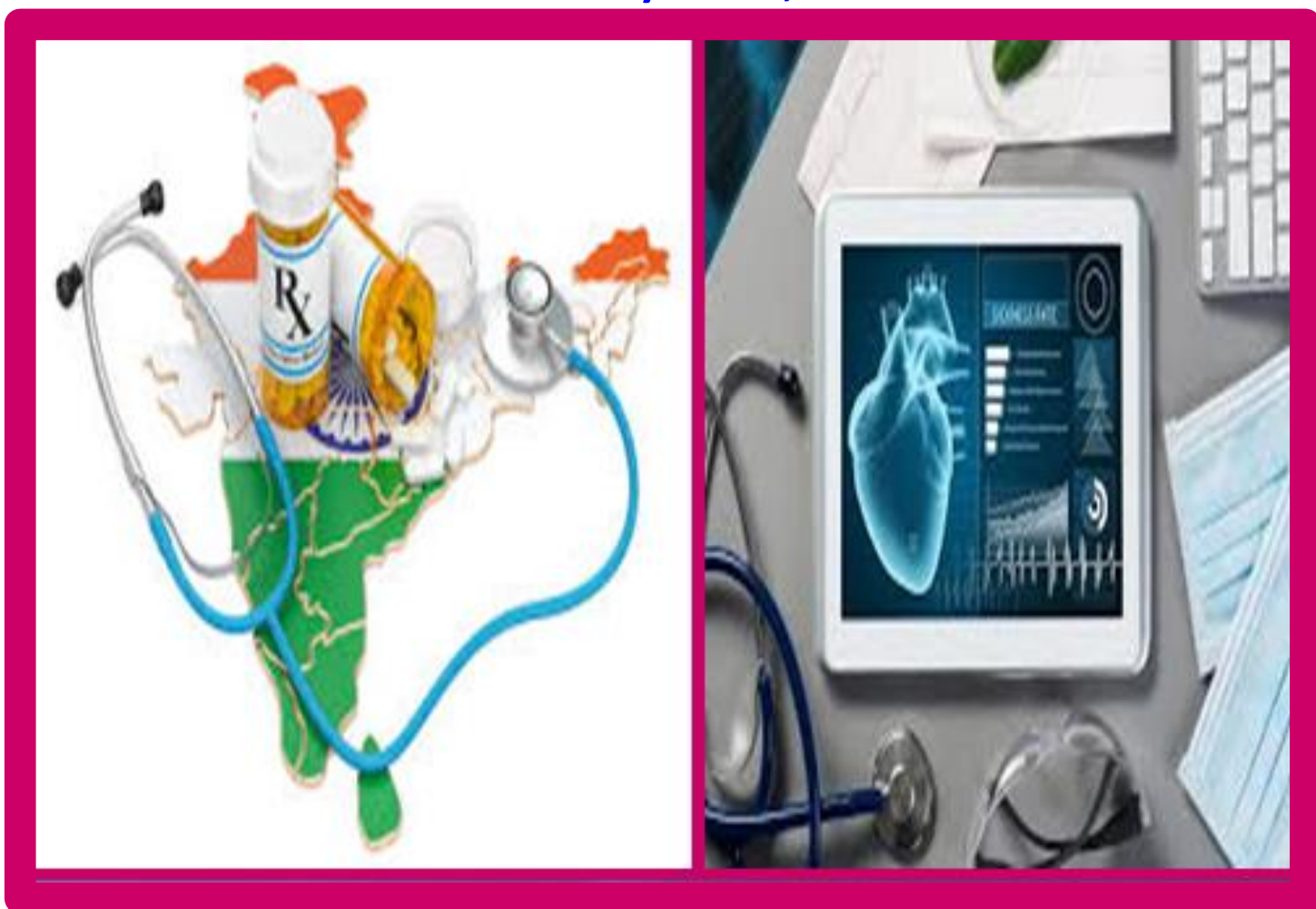
The National Academy of Sciences, India (NASI)
cordially invites you to kindly attend the

90TH ANNUAL SESSION & SYMPOSIUM

On

TOWARDS A NEW HEALTHCARE REGIME FOR THE NATION
(Hosted on WEB by NASI HQ, Prayagraj)

February 25-27, 2021



(Oldest Science Academy of India)

5, Lajpatrai Road, Prayagraj-211002, India

Please join the symposium on -

<https://www.youtube.com/channel/UCseZVJNdwTqhdR8MBn5cylQ/live>

The National Academy of Sciences, India (NASI)

90th Annual Session of NASI & Symposium

ON

TOWARDS A NEW HEALTHCARE REGIME FOR THE NATION

Date: 25-27th Feb. 2021

--- Programme ---

Day 1: 25th February, 2021

Inaugural Session: (10:00 - 11:30 am)

Welcome	Prof. Satya Deo General Secretary, NASI (HQ); Formerly Vice-Chancellor, APS University, Rewa, MP Email: sdeo94@gmail.com
Genesis of the programme	Prof. Manju Sharma, NASI-DST Distinguished Woman Scientist Chair; Formerly Secretary, DBT, Govt. of India Email : manjuvps@gmail.com
Presidential Address	Prof. G. Padmanaban President, NASI; Former Director, IISc, Bangalore Email: geepee@alumni.iisc.ac.in
Inaugural Address (Overview National Perspective)	Prof. Balram Bhargava Director General, ICMR & Secretary DHR, GoI Email: secy-dg@icmr.gov.in ; balrambhargava@gmail.com
Vote of Thanks	Dr. Niraj Kumar Executive Secretary, NASI Email: aes.nasi@gmail.com

Tea Break (11.30 am - 12.00 noon)

Session 1: (12:00 noon-1:30 pm; Coordinated by Dr Santosh Shukla, AES, NASI)

Chairman	Prof. Jaya S. Tyagi Head, Department of Biotechnology, AIIMS, New Delhi Email: jayatyagi.aiims@gmail.com
Co-chair	Prof. Paramjit Khurana Head, Department of Plant Molecular Biology, South Campus, DU, New Delhi Email: param@genomeindia.org
Speaker	Dr. Manoj Murhekar Director, ICMR-National Institute of Epidemiology, Chennai Email: directorne@dataone.in
Title	COVID Sero-Survey; an insight into pandemic in India
Speaker	Dr. Amit P Sharma Director, NIMR, New Delhi Email: amit.icgeb@gmail.com
Title	Drug discovery against malaria parasites <i>(Prof. MGK Menon Award Lecture 2020)</i>

Speaker	Prof. Raghavan Vardarajan Professor, Indian Institute of Science, Bangalore Email: varadar@mbu.iisc.ernet.in
Title	_____

Lunch 1.30 pm – 2.00 pm

Session 2: (2:00 pm – 3:30pm; Coordinated by Dr Pavitra Tandon, AES, NASI)

Chairman	Prof. Sanjeev Sinha Department of Medicine, AIIMS, New Delhi Email: drsanjeevsinha@gmail.com
Co-chair	Dr. Padmapriyadarsini, C Director, ICMR-National Institute for Research in Tuberculosis, Chennai Email: darsini69@hotmail.com ; directornirt@nirt.res.in
Speaker	Dr. C.S. Pramesh Director, Tata Memorial Hospital, Mumbai Email: cspramesh@gmail.com
Title	Furthering cancer research - the National Cancer Grid initiative
Speaker	Dr. Sanghamitra Pati Director, ICMR-RMRC, Bhubaneswar Email: drsanghamitra12@gmail.com
Title	_____
Speaker	Dr. Priya Abraham Director, ICMR-National Institute of Virology, Pune Email priya.abraham@icmr.gov.in
Title	COVID-19 Pandemic Scenario-Research, Prevention and Control

Tea Break (3:30 pm – 4:00 pm)

Session 3: (4:00 pm – 5:30 pm; Coordinated by Dr Santosh Shukla, AES, NASI)

Chairman	Prof. Ishan Patro Former Vice Chancellor, Raven Shaw University, Cuttack Email: ishanpatro@gmail.com
Co-chair	Prof. Bina Ravi AIIMS, Rishikesh Email: binaravi@gmail.com
Speaker	Prof. Shally Awasthi KGMU, Lucknow Email: shallya@rediffmail.com
Title	"Management of possible serious bacterial infection in young infants- an innovative approach "
Speaker	Dr. Shahid Jameel Director, Trivedi School of Biosciences, Ashoka University; Formerly Chief Executive Officer of Wellcome Trust DBT India Alliance Email: shahid.jameel@indiaalliance.org
Title	Emerging Viral Infections
Speaker	Prof. Vijayalaxmi Rabindranath Centre For Neuroscience, IISc, Bengaluru Email: viji@iisc.ac.in
Title	Aging and dementia: mechanisms to interventions

Day 2: 26th February, 2021

Session 4: (9:30 am – 11:00 am; Coordinated by Dr Santosh Shukla, AES, NASI)

Chairman	Prof. Manju Sharma, NASI-DST Distinguished Woman Scientist Chair; Former Secretary, DBT, Govt. of India Email : manjuvps@gmail.com
Co-chair	Prof. U.C.Srivastava Treasurer, NASI; Formerly Professor, University of Allahabad, Prayagraj Email: ucsrivastava@rediffmail.com
Speaker	Prof. Sudhir Kumar Satpathy Director, School of Public Health, KIIT Bhubaneswar Email: directorksp@kiit.ac.in
Title	Public Health emergencies: Preparedness and resilience of our Health system
Speaker	Prof. S.K. Dwivedi Department of Cardiology, KGMU, Lucknow Email: skdwivedi@kgmcindia.edu
Title	On Cardiovascular/Hypertension
Speaker	Prof. Nikhil Tandon Head. Department of Endocrinology. AIIMS, New Delhi Email: nikhil_tandon@hotmail.com
Title	On Diabetes

Tea Break (11:00 am - 11:30 am)

Session 5: (11:30 am – 1:00pm; Coordinated by Dr Pavitra Tandon, AES, NASI)

Chairman	Prof. V.M.Katoch Former Director General, ICMR & Secretary DHR, GOI Email: vishwamohankatoch18@gmail.com
Co-chair	Prof. P. Panda Professor, Pandit Raghunath Murmu Medical College & Hospital, Baripada Email:
Speaker	Prof. Ishan Patro Former Vice Chancellor, Raven Shaw University, Cuttack Email: ishanpatro@gmail.com
Title	On Mental Health, Aging
Speaker	Dr. A. Laxmaiah ICMR-NIN, Hyderabad Email: avulalaxman@yahoo.com
Title	"Challenges in Broadband Connectivity in Rural India: Frugal 5G"
Speaker	Prof. Pramod Garg AIIMS, New Delhi; President, AIIMS, Raebareli (UP) Email: pgarg10@gmail.com
	On Ethics

Lunch (1:00 pm - 1:30 pm)

Session 6: (1:30 pm – 3:30 pm; Coordinated by Ms Archana Pant, YWS, NASI)

Chairman	Prof. G. Padmanaban President, NASI; Former Director, IISc, Bangalore Email: geepee@alumni.iisc.ac.in
Co-chair	Prof. Manju Sharma NASI-DST Distinguished Woman Scientist Chair; Former Secretary, DBT, Govt. of India Email : manjuvps@gmail.com
Speaker	Prof. Sudhanshu Vрати Executive Director, RCB, New Delhi Email : vрати@rcb.res.in ; director@rcb.res.in
Title	Covid-19 therapeutics
Speaker	Prof. B. Ravi Department of Mechanical Engineering, IIT, Mumbai Email: b.ravi@iitb.ac.in
Title	Smart Medical Devices for Affordable Screening and Diagnosis
Speaker	Prof. Y.B. Tripathi Dean, Faculty of Ayurveda, IMS, BHU , Varanasi Email: yamini@bhu.ac.in ; yamini30@gmail.com
Title	Ayurveda Innovations
Concluding remarks Vote of Thanks	Chairman & Co-chairman Ms. Archana Pant, NASI HQ

90th A. Session- Addresses by the Sectional Presidents

(04:00 -05:00 pm)

Presided over by Prof. G. Padmanaban, President, NASI

Address by Dr. Sanghamitra Bandyopadhyay (President, Section of Physical Sciences),
Director, Indian Statistical Institute, 203, B.T. Road, Kolkata - 700108 (sanghami@gmail.com)

Title:

Address by Dr. Smita Dilip Mahale (President, Section of Biological Sciences), Scientist G &
Director, National Institute for Research in Reproductive Health, Jehangir Merwanji Street,
Parel, Mumbai - 400012 (smitamahale@hotmail.com)

Title:

Vote of thanks: Dr Niraj Kumar, ES, NASI

Day 3: 27th February, 2021

Scientific Sessions (to be accessed through Webex link only; already sent/circulated to the concerned)

A) Scientific Sessions of the 90th A. Session (09:00 -11:30 am)

Parallel Sessions (to be coordinated by the AES, NASI- Dr Santosh Shukla for Biol. Sc./Dr Pavitra Tandon for Phys. Sc.)

1) I. Addresses by the Invited Speakers (15 min each):

Presided over by the Sectional President (Biol. Sc.)

Dr. Shaon Ray Chaudhuri, Associate Professor, Department of Microbiology, Tripura University, Suryamaninagar, Tripura West-799 022 (Reliance Awardee)

Dr. Ritu Trivedi, Principal Scientist, CSIR-Central Drug Research Institute, Sec-10, Janki Puram Extension, Sitapur Road, Lucknow-226 031 (Reliance Awardee)

II. Scientific Paper Presentations (7 min each, followed by 3 min discussion- total 10 presentations): Presided over by the Sectional President; and two Fellows as Co-Chairs

2) I. Addresses by the Invited Speakers (15 min each):

Presided over by the Sectional President (Phys. Sc.)

Dr. Ch. Raji Reddy, Sr. Principal Scientist, Department of Organic Synthesis & Process Chemistry, CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad-500 007 (Reliance Awardee)

Dr. Samir Kumar Pal, Sr. Professor, Department of Chemical Biology & Macromolecular Sciences, S.N. Bose National Centre for Basic Sciences, J.D. Block, Sector III, Salt Lake, Kolkata-700 106 (Reliance Awardee)

II. Scientific Paper Presentations (7 min each, followed by 3 min discussion- total 09 presentations): Presided over by the Sectional President; and two Fellows as Co-Chairs

B) Scientific Sessions of the 90th A. Session (12 noon -2:30 pm)

Parallel Sessions (to be coordinated by the AES, NASI- Dr Santosh Shukla for Biol. Sc./Dr Pavitra Tandon for Phys. Sc.)

3) I. Addresses by the Invited Speaker (15 min):

Presided over by the Sectional President (Phys. Sc.)

Prof. Rohini Godbole, Centre for High Energy Physics. Indian Institute of Science. 560012 Bangalore. (Invited Speaker) - rohini@iisc.ac.in

III. Scientific Paper Presentations (7 min each, followed by 3 min discussion- total 09 presentations): Presided over by the Sectional President; and two Fellows as Co-Chairs

4) I. Addresses by the Invited Speakers (15 min each):

Presided over by the Sectional President (Biol. Sc.)

Dr. Sudesh Kumar Yadav, Scientist F, Center of Innovative and Applied Bioprocessing (CIAB), Sec-81, SAS Nagar, Mohali-140 306 (Reliance Awardee)

Dr. Deepak Modi, Scientist F at ICMR-NIRRH, Mumbai (Invited Speaker) -
(deepaknmodi@yahoo.com / modid@nirrh.res.in)

Topic: The shrinking Y chromosome: Implications in male infertility

IV. Scientific Paper Presentations (7 min each, followed by 3 min discussion- total 10 presentations): Presided over by the Sectional President; and two Fellows as Co-Chairs

C) Scientific Sessions of the 90th A. Session (03:00 -4:00 pm)

(to be coordinated by Dr Santosh Shukla, AES, NASI)

Scientific Paper Presentations (7 min each, followed by 3 min discussion- total 5 presentations): Presided over by the Sectional President (Biol. Sc.); and two Fellows as Co-Chairs

(Scientific Sessions Completed)

Fellows' Meeting (for NASI Fellows only)-

at 4:00 pm (Webex link already circulated)

Annual General Body Meeting, followed by the

Valedictory Function (Webex link already circulated)-

at 5:15 pm (**AGM & VM may also be joined on YouTube, link as mentioned on the bottom of the cover page**)-

(NASI Platinum Jubilee Young Scientist Awards/Swarna Jayanti Puraskars/NASI-Springer Awards - to be given in the Valedictory Function; coordinated by Sri B P Singh, AES, NASI)

Vote of thanks: Sri A. K. Srivastava, Dy. ES, NASI