

SHRI RAMSWAROOP MEMORIAL UNIVERSITY

Lucknow-Deva Road, Uttar Pradesh

NATIONAL CONFERENCE ON BIOTECHNOLOGY INNOVATIONS

*Interdisciplinary Approach to Agriculture, Food, Health,
Environment and Sustainable Development*

and

Annual Meet of Society for Biotechnologists (India)



NatConBio2019

September 27-28, 2019

**Venue: Shri Ramswaroop Memorial University,
Lucknow-Deva Road, Barabanki, 225003, Uttar
Pradesh, India.**

Organized by:

**Faculty of Bio-Sciences & Faculty of Biotechnology,
Institute of Bio-Sciences and Technology**

In Association With:

Society for Biotechnologists (India)



SHRI RAMSWAROOP MEMORIAL UNIVERSITY (SRMU)

SRMU is a confluence of academic, cultural and intellectual resources. SRMU seeks to achieve the highest levels of distinction in the innovation and transmission of knowledge and understanding. Nine institutes offering a wide spectrum of choice for the students to choose undergraduate, post graduate and Doctoral programs in Engineering, Bio-Technology, Management, Commerce, Economics & Computer Applications, Journalism & Mass Communication, Legal studies, Basic Sciences and Humanities, Education & Research. SRMU's bold vision is built upon over a decade of excellence of SRMGPC in engineering and business education.

It took 18 years of dedicated and untiring efforts to emerge as one of the best private universities in Uttar Pradesh. With motto "Chase Reality Dreams Will Follow", SRMU is all set to create a benchmark in education system.

SOCIETY FOR BIOTECHNOLOGISTS INDIA (SBTI)

SBTI was established in 1995 with its headquarters in the Department of Biotechnology, Cochin University of Science and Technology, Cochin. The society is dedicated to the advancement of biotechnology specially to unite scientists, students, academicians, doctors, industrialists and professionals. The society promotes the exchange of scientific information through workshops, conferences and publications in the emerging areas of biotechnology. The society has 18 honorary members, more than 2000 life and ordinary members from various fields of Biotechnology.

INSTITUTE OF BIO-SCIENCE & TECHNOLOGY

The Institute of Bio-Sciences & Technology was started under the aegis of Institute of Engineering & Technology in 2012. After two successful years it was elevated to Institute of Bio-science & Technology in 2014. Initially Faculty of Biotechnology started with B. Tech in Biotechnology (4-years) programs and subsequently it broadened into Institute of Bio-science and Technology with the courses: B. Tech (BT), M.Sc. (BT), and M. Tech (BT) with specialization in Bioprocess Engineering/Molecular Biology/Immunology.

ABOUT THE CONFERENCE

The main aim of the conference is to provide a platform for students, researchers, academicians and industry professionals to deliberate on the latest innovations, practical approach, current research findings, and their applications in the field of biotechnology, health, agriculture and environmental biotechnology. This National Conference will be a premier forum for presentation of recent advances and innovations in the field of biotechnology, microbiology, biochemistry, neurobiology, pharmacy, food science, sustainable development program, drug discovery, therapeutics and environmental issues with a focus on the real time problems. Invited lectures by eminent scientists will be the part of this program. Presentation of SBTI awards and poster awards will be the highlight. Participating in NatConBio2019 will give an approach to meet, cooperate and deliberate latest technologies, for advancement in the field of life sciences, customized and personalized product development.

TARGET AUDIENCE

- Scientists and Researchers
- Laboratory members and Students
- Biotechnology Faculty Members
- All Medical and Life Science Colleges
- Biotechnology and genetics Associations and Societies
- Business Entrepreneurs
- Indian Biotechnology Medicine Companies
- Exhibitors and Sponsors

THEMES

- Cancer Biology
- Neuroscience & Neuroendocrinology
- Diagnostics & therapeutics
- Drug design & discovery
- Infections & non-communicable diseases
- Computational & Structural biology
- Environmental solutions & sustainability
- Food augmentation & innovative foods
- Herbal drugs & integrative medicines
- Interdisciplinary life sciences
- Metabolites of industrial importance
- Genomics, proteomics & metabolomics
- Microbial / plant / animal biotechnology
- Biofuels & bioenergy
- Sustainable agriculture
- Green technology
- Stem cell biology and tissue engineering
- Pharmacology and toxicology

CHIEF PATRON

- **Er. Pankaj Agarwal**
(Chancellor, SRMU)
- **Er. Pooja Agarwal**
(Pro Chancellor, SRMU)

PATRON

- **Prof (Dr.) A.K. Singh**
(Vice Chancellor, SRMU)

CO-PATRON

- **Prof (Dr.) UK Singh**
(Registrar, SRMU)

CHAIRPERSON

- **Prof. (Dr.) Sanjiv Kumar Maheshwari**
(Director, IBST, SRMU)

ORGANIZING COMMITTEE CHAIR

- **Prof. (Dr.) Edathil Vijayan**
(President, SBTI)
- **Prof. (Dr.) Mahesh K. Basantani**
(Dean, Faculty of Bio-Sciences, IBST, SRMU)
- **Dr. Sachidanand Singh**
(Dean, Faculty of Biotechnology, IBST, SRMU)

CONVENOR

- **Dr. Sunil Kumar**
(Associate Professor, FoBS, IBST)

CO-CONVENORS

- **Dr. Om Prakash Verma**
(Associate Professor, SHUATS, Allahabad)
- **Dr. Divya Gupta**
(Associate Professor, FoBS, IBST)

TREASURERS

- **Dr. Neeraj Gupta**
(Associate Professor, FoBS, IBST)
- **Mr. Surojeet Das**
(Assistant Professor, FoBT, IBST)
- **Ms. Niharika Chandra**
(Assistant Professor, FoBT, IBST)
- **Mr. Abuzer Amir**
(Assistant Professor, FoBT, IBST)

EXECUTIVE COMMITTEE

- **Prof. (Dr.) Janmejai K. Srivastava**
(Head, Amity Institute of Biotechnology, Amity University Uttar Pradesh, Lucknow)
- **Dr. (Er.) Mohammad Haris Siddiqui**
(HoD, Dept. of Bioengineering, Integral University)
- **Prof. (Dr.) Krishna Srivastava**
(Dean, FoCY, SRMU)
- **Dr. Dinesh Kumar**, Assistant Professor, Centre for Biomedical Research, SGPGIMS, Lucknow
- **Mr. Dheerendra Kumar**
(HoD, Biotechnology, RRIMT, Lucknow)

ORGANIZING COMMITTEE

- **Dr. Prachi Bhargava**, FoBS, IBST
- **Dr. Tabish Kidwai**, FoBT, IBST
- **Dr. Tanvi Jain**, FoBT, IBST
- **Dr. Siddhartha Vats**, FoBT, IBST
- **Dr. Himani Singh**, FoBS, IBST
- **Ms. Noopur Khare**, FoBT, IBST
- **Ms. Divya Singh**, FoBT, IBST
- **Mr. Alok Kumar Gupta**, IBST, SRMU

ADVISORY COMMITTEE

- **Padma Shri Prof. (Dr.) Madan M. Godbole**, SGPGIMS, Lucknow
- **Prof. (Dr.) Alok Dhawan**, Director, IITR Lucknow
- **Prof. (Dr.) S. Rajan**, Director, CISH, Lucknow
- **Prof. (Dr.) Bajraj Mittal**, Emeritus Professor, BBAU, Lko
- **Prof. (Dr.) Uday C. Ghosal**, Professor, SGPGIMS, Lko
- **Dr. Huma Mustafa**, CST-UP, Lucknow
- **Prof. (Dr.) B.N. Mishra**, IET Lucknow
- **Prof. (Dr.) Dinesh Yadav**, DDU Gorakhpur University
- **Prof. (Dr.) B.M. Dixit**, Director, INSH, SRMU
- **Prof. (Dr.) Mukul Misra**, Director, R&C, SRMU
- **Prof. (Dr.) Chandra Kant Sharma**, Professor and HOI, Institute of Agricultural Sciences, SAGE University, Indore
- **Dr. Siddharth Tiwari**, Scientist E, NABI, Mohali
- **Dr. Rajesh Mehrotra**, Associate Professor, BITS Goa
- **Dr. Lokendra Sharma**, Associate Professor, SGPGI
- **Dr. Preeti Srivastava**, Associate Professor, IIT Delhi
- **Dr. Sayali Mukherjee**, Assistant Professor, Amity University
- **Mr. Manoj Verma**, Director, MRD Life Sciences

SBTI OFFICE BEARERS

- President: **Prof. (Dr.) Edathil Vijayan**
- Vice President: **Prof. (Dr.) K. P. Joy**
- Secretary: **Dr. Anju T. R.**
- Joint Secretary: **Dr. Baby Chakrapani**
- Treasurer: **Dr. Ajith Vengallur**
- Joint Treasurer: **Dr. Naijil George**

KEYNOTE SPEAKERS

- **Prof. (Dr.) Alok Dhawan**, Director, IITR Lucknow
- **Prof. (Dr.) K. P. Joy**, INSA Emeritus Scientist, CUSAT, Cochin
- **Prof. (Dr.) S. Rajan**, Director, CISH, Lucknow
- **Prof. (Dr.) Bajraj Mittal**, Emeritus Professor, BBAU, Lko
- **Prof. (Dr.) Uday C. Ghosal**, Professor, SGPGIMS, Lko
- **Prof. (Dr.) Dinesh Yadav**, Head, Dept. of Biotechnology, DDU Gorakhpur University
- **Dr. Vinay Singh**, CEO of SYNG Pharmaceuticals Inc. Canada
- **Prof. (Dr.) Swasti Tiwari**, SGPGIMS, Lucknow
- **Dr. Vikrant Gupta**, Principal Scientist, CIMAP, Lucknow
- **Dr. R. Kirubakaran**, Scientist-G & Group Head, Marine Biotechnology Division, NIO, Chennai
- **Dr. K.G. Raghu**, Head & Principal Scientist, Agro-Processing & Technology Division, CSIR - NIIST, Thiruvananthapuram
- **Dr. Mohanan V Veettil**, DBT-RLF Faculty, Virology Laboratory, CUSAT, Cochin, Kerala

CALL FOR ABSTRACTS AND PAPERS

The interested academicians, scientists, industry personnel, research scholars and students are invited to present papers on the themes mentioned above. Abstract (not exceeding 250 words) should be submitted on or before **August 16, 2019** by

E mail: natconbio2019@srmu.ac.in

Website: <http://natconbio2019.srmu.ac.in>

DELEGATE REGISTRATION FEES

	Early Bird Registration (July 15, 2019)	Late Bird Registration (After July 15, 2019)	On-spot Registration
Industry Delegates	₹ 2000.00	₹ 2500.00	₹ 3000.00
Academicians and Scientists	₹ 1500.00	₹ 2000.00	₹ 2500.00
Research Scholars	₹ 1000.00	₹ 1500.00	₹ 2000.00
UG & PG Students	₹ 750.00	₹ 1000.00	₹ 1500.00
Accompanying persons	₹ 500.00	₹ 750.00	₹ 1000.00

NOTE: Registration fee does not include accommodation charges.

REGISTRATION

The registration fee for the conference is to be paid online on the website or by demand draft to the following account.

Name of Bank Account: Shri Ramswaroop Memorial University a unit of SRMCT

Bank Name: Bank of India

Account Number: 752920110000006

IFSC Code: BKID0007529

Branch: Handori Branch

SBTI MEMBERSHIP

The delegates who are non-members are encouraged to avail membership of SBTI

Visit website for details www.sbtigene.org for the membership and also awards.

LIFE MEMBERSHIP

Life membership	1000.00
Annual membership	250.00
Student annual membership	100.00

PROCEEDINGS

The proceedings of the conference will be published at **Genes and Diseases, Elsevier Publications.**



AWARDS

- **Padmabhushan Professor M. V. Pylee:** Lifetime Achievement Award for a distinguished senior scientist in the country.
- **Dr. C. S. Paulose Memorial Oration:** Award for a distinguished & eminent Neurobiologist
- **KAPL Award:** Awarded for best original paper presentation (oral) in Industrial Biotechnology.

- **IBS Award:** Awarded to the best original paper (oral) presentation in Medical Biotechnology /application of software technologies in medicine.
- **Shri. C. V. Jacob Award:** Awarded to the best original paper presentation in Plant Biotechnology.
- **Shri. K. N. Narasimhiah Award:** Awarded to the best original paper presentation (oral) in cancer biology.
- **Kunnath Pharmaceuticals Award:** Awarded to the best original paper presentation (oral) in Herbal medicine and disease management.
- **Prof. Edathil Vijayan Award:** Awarded to the best original paper presentation (oral) in Neuroscience.
- **Shri Ramswaroop Memorial Award:** Two awards each for best oral & poster presentation in each category.

CONTACTS

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E Mail: natconbio2019@srmu.ac.in

FOR MORE DETAILS VISIT

<http://natconbio2019.srmu.ac.in>

REGISTRATION FORM

National Conference on Biotechnology Innovations

and

Annual Meet of Society for Biotechnologists (India)

Name:

Designation:

Department:

Organization:

Gender:

Address for Communication:

Pin Code:

Theme Chosen

Abstract title:

Registration fee paid (Please Tick): Cash/Online/DD

Transaction ID/DD no:

Date:

Email:

Mobile:

Signature of participant Signature of the HOD/Principal