

**NATIONAL SYMPOSIUM ON
“RECENT TRENDS IN BIOINFORMATICS
STRATEGY FOR DISEASE MECHANISM
AND BIOMEDICINE”**

(November 24, 2018)

Organizing by



**BIOINFORMATICS TECHNOLOGIES OF INDIA
(Discover the Science of Life)**

Munshinagar Gate, Near ICAR-CARI Campus, Bareilly, India

Venue & Contact details

Rotary Bhawan, Chaupla Road, Civil lines, Bareilly, Uttar Pradesh, India

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Contact: +91 9045179160, +91 9719913606, +91 9457273980

Symposium partner

Indian Journal of Biotechnology and Pharmaceutical Research (IJBPR)

www.ijbpr.in

Theme of Symposium

Bioinformatics is an interesting, exciting and rapidly developing area. Biological systems are so complex that they need intervention and experimental approaches to uncover the tangled facts. Due to this presents generation required to possess an advance understanding and emerging concepts of Bioinformatics. Bioinformatics can be used as a powerful tool for retrieving and analyzing the biological data. Bioinformatics is an interdisciplinary with wide range of disciplines. Bioinformatics helps in understanding the mechanism of disease by knowing the necessary facts of disease such as why symptoms occur and thinking behind the treatment. Bioinformatics and its correlation with biochemistry and pharmacology leads to biomedicine which is the application of principles of natural resources. The themes are as following –

Bioinformatics	Immunology
Biochemistry	Cytopathology
Pharmaceutical Science	Animal and Plant Biotechnology
Molecular Biology	Microbiology
Histopathology	Parasitology & Toxicology
Endocrinology	Veterinary Science

This symposium will enhance awareness in current, future trends and development in Bioinformatics. This will also provide a platform for assessing challenges involved in Bioinformatics applications. This symposium will provide an opportunity for interaction with scientists and scholars.

This symposium encourages authors to submit abstract to one of the main topics indicated below, describing original work, including methods, techniques, advanced prototypes, applications, systems, tools or survey papers, reporting research results and/or indicating future directions. Accepted papers can be presented at the symposium by one of the authors and published in the proceedings of entitled journal “[Indian Journal of Biotechnology and Pharmaceutical Research](#)”. Acceptance will be based on quality, relevance and originality. There will be both oral and poster sessions.

Scope of Symposium

Bioinformatics is an interdisciplinary field combines biology, computer science, mathematics, and statistics to analyze and interpret the biological data. It is like an inter-bridge between biological and computational simulation. The purpose of this symposium is to bring together researchers and practitioners to share knowledge and increase enthusiasm for promoting research-based ideas among participants in design and application of modelling frameworks, algorithmic concepts, computational methods, and information technologies to address challenging problems in Bioinformatics and Biomedical research.

There is a tremendous need to explore how mathematical, statistical and computational techniques can be used to better understand biological processes and systems, while developing new methodologies and tools to analyze the massive currently available biological data.

ABOUT US

Bioinformatics Technologies of India is a leading institution deals with innovation in Bioinformatics, database development, functional genomics, proteomics, comparative genomics, drug designing, vaccine designing, cheminformatics, molecular dynamics, system biology etc. The objectives of BTI is to assist and promote training, research and development in the emerging fields of bioinformatics. The vision of the institute is to provide a platform for individuals, professionals, R&D organizations, pharmaceutical and software companies to utilize and harness for the Indian Bioinformatics potential.



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PATRON

Dr. Bashah J. Khan
Director, BTI

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Symposium Schedule

08:30 – 09:30 AM	Registration
09:30 – 10:30 AM	Inaugural Session
10:30 – 11:00 AM	Keynote Lecture
11:00 – 11:30 AM	High Tea
11:30 AM – 01:15 PM	Technical Session – 1
01:15 PM – 02:00 PM	Lunch
02:00 PM – 03:30 PM	Technical Session – 2
03:30 PM – 04:30 PM	Poster Session
04:30 PM – 05:00 PM	Valedictory Session

IMPORTANT DEADLINES

Submission of Abstract – **November 05, 2018**
Registration Deadline – **November 15, 2018**

ABSTRACT SUBMISSION

Abstract should be typed in single space using MS Word (about 250 words) may be send through E-Mail: btisymp2018@gmail.com

CATEGORY	EARLY BIRD	SPOT
Students (Ph.D./UG/PG) Research Scholars	500 INR	700 INR
Faculty/Scientist/Corporate/ Industry	800 INR	1000 INR

Registration Fee

Registration/Award Nomination fee can be paid through cash/DD or NEFT in favor of Bioinformatics Technologies of India.

Account No: 59400200000038; (IFSC Code: BARB0BUPGBX)

BTIBNS AWARDS

Nominations/Applications are invited by the Scientists/Academicians/ Researchers/ Industrial persons/Scholars for the BTIBNS 2018 Awards. Interested candidates are requested to send their bio-data with cover letter and application through email at **btisymp2018@gmail.com** latest by **November 05, 2018**. Award Nomination fees is INR 3000.

- ❖ SCIENCE RENOWN AWARD
- ❖ SCIENCE REVELATION AWARD
- ❖ PRESTIGIOUS SCIENTIST AWARD
- ❖ OUTSTANDING SCIENTIFIC ATTAINMENT AWARD
- ❖ EXCELLENCE IN SCIENCE DIVULGATION AWARD
- ❖ BRILLIANCE IN SCIENCE TEACHING AND RESEARCH
- ❖ SCIENCE INQUISITOR AWARD
- ❖ EMERGING SCIENTIST AWARD
- ❖ YOUNG INVESTIGATOR AWARD
- ❖ YOUNG BIOTECHNOLOGIST AWARD
- ❖ YOUNG AGRICULTURE SCIENTIST AWARD
- ❖ YOUNG BIOINFORMATICIAN AWARD
- ❖ YOUNG BIOCHEMIST AWARD
- ❖ YOUNG BIOMEDICAL SCIENTIST AWARD
- ❖ YOUNG MICROBIOLOGIST AWARD
- ❖ YOUNG GENETICIST AWARD
- ❖ YOUNG MOLECULAR BIOLOGIST AWARD
- ❖ YOUNG ENVIRONMENTAL SCIENTIST AWARD
- ❖ YOUNG SCIENTIFIC ACHIEVER AWARD
- ❖ YOUNG SCHOLOR AWARD

Award nomination fees is non-refundable and will pay by the selected participants along with registration fees (compulsory).