INTERDISCIPLINARY SCIENCE CONFERENCE: BIG DATA AND COMPUTATIONAL BIOLOGY
October 21-22, 2019

S. Ramanujan Block, Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, Jamia Nagar, New Delhi 110025

Scope of the Conference

Big data is a catching phrase characterized by large and complex collection of data with ever ranging demand of increasing computational power. The exponential increase in the volume, variety and veracity has the potential for making us understand and draw parallel conclusions at molecular level of the diseases. The use of big data comes with significant challenges. Despite many challenges the value of big data lies in the potential of gaining insight into the system in consideration. In order to formulate intelligent decisions and make biology a predictive science, we need to learn hidden information (i.e. patterns) which involves the development and application of analytical and theoretical methods from interdisciplinary sciences. Thus, this conference aims at giving a detailed look on several aspects (ideas) connected with collecting and analysing Big Data with Computational Biology. It will provide a common platform for Scientists, Engineers, Technocrats and Industrials belonging to different disciplines and sectors to discuss wide range of topics on big data and computational biology from fundamental to the technological and industrial applications. This is the continuation of the conferences on the interdisciplinary topics organized by the Centre in the past.

Topics

- Big data analysis and tools for biological and medical data
- Statistical and integrative approaches to Big Data biology
- Modelling, Simulation, and Optimization of biological systems
- Structural, Evolutionary &Translational Bioinformatics
- Next Generation Sequencing (NGS)
- Nonlinear Science and Complex Systems
- Systems and synthetic Biology
- Computational omics' (like genomics, proteomics etc.)
- Network Biology and Medicine
- Immunology and Drug Discovery
- Machine learning application methods from any field of sciences
- Artificial Intelligence
- Bioinformatics Algorithms & Databases
- Biomedical & Health Informatics
- Data mining of large-scale biological data
- Topics on interdisciplinary approach

Patron
Prof. Najma Akhtar
(Vice Chancellor, Jamia Millia Islamia)

Chairman
Prof. Shafeeque Ahmed Ansari
Director, Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia New Delhi-110025

Convenor
Dr. Romana Ishrat
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Oral/Poster Presentation

All registered participants are encouraged to make an **oral** or **poster** presentation of their recent research activities and submit an abstract not exceeding **250 words** before the last date of submission.

Accommodation

Accommodation will be provided for outstation participants on payment basis. Please contact for more details on *bcbisc2019@gmail.com*
Mob: +91-9958796826, 9140500242

Important dates

Abstract submission	**Oct. 1, 2019**
Notification of acceptance	**Oct. 5, 2019**
Last date for registration	**Oct 10, 2019**
Start of the conference	**Oct. 21-22, 2019**

Registration Fees

Category	Amount
Students/Scholars	₹. 1000
Faculty/Teacher	₹. 2000
Industry	₹. 5000

Registration Policy

Interested participant have to fill Google form for their registration. The **DD/Cheque** should be prepared in favour of **"Registrar, Jamia Millia Islamia"**, payable at New Delhi.

Please contact for further queries:
Email: *bcbisc2019@gmail.com*
Mob: +91-9958796826, 9140500242

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Conference Venue

Room No 202, Srinivasa Ramanujan Block (Mujeeb Bagh), CIRBSc, Jamia Millia Islamia, New Delhi-110025.
(Entry from Gate No. 23, Near Jamia Community Centre)

Google Map