

4th International Conference on Bioinformatics and Data Science (ICBDS – 2024)



December 19-20, 2024
Bengaluru, India.
THEME: Quantum-The Next Gen



We are pleased to announce our 4th International Conference on Bioinformatics and Data Science (ICBDS – 2024) which will be a unique conference where we will connect Biological Function through Computational Genomics to the world of integrated medicine and therapeutics. Functional genomics is a field of molecular biology that attempts to describe gene (and protein) functions and interactions. This science aims to understand the complex relationship between genotype and phenotype on a global (genome-wide) scale to different biological processes. Most researchers now study genes or regions on a “genome-wide” scale (i.e. all or multiple genes/regions at the same time), with the hope of narrowing them down to a list of candidate genes or regions to analyze in more detail. There are several specific functional genomics approaches depending on what we are focused on DNA level (genomics and epigenomics), RNA level (transcriptomics), protein level (proteomics), metabolite level (metabolomics) and phenotype level (phenomics). The recent trends in gene and genome editing technologies, promising genomic information can be modulated in the areas of medicine, agriculture and environment. Our unique Conference connects genomics to the world of genomics to integrated medicine including yogic sciences.

Call for research/review/case studies abstracts from computer science, genetics, genomics, bioinformatics, big data, yogic science, philosophy, psychology and neuroscience.

Topics of the session may include, but not limited to, the following:

- Big data in Bioinformatics
- Natural Language Processing
- Neurosciences and Nano-sciences
- Artificial Intelligence and Machine Learning
- Biosciences and Bio-computing
- IOT
- Psychology
- Data Analysis in AYUSH
- Cloud Computing
- Quantum sciences and Quantum Computing

Organizing Secretariat		
1.	Patron	Mrs. Padmashree Murthy
2.	Chairman	Dr. R Somashekhar
3.	Convener	Dr. Preenon Bagchi
4.	Organizing Secretary	Dr. Kirthi S Jawalkar
5.	Joint Secretary & Co-Convener	Mr. Rajesh TS

Organized by:
Sarvasumana Association,
Bengaluru, India
Email: vasishthacademy20@gmail.com
Website: https://sarvasumana.in/

Registration fee:

Categories	General
Indian Students (UG and PG) and full-time researcher scholars	950 INR (for online participation)
Indian Students (UG and PG) and full-time researcher scholars	2000 INR (for onsite participation)
Academicians, Faculties and Industry personals	1950 INR (for online participation)
Academicians, Faculties and Industry personals	3000 INR (for onsite participation)
Categories	General
International Students and researchers	95 USD (for online participation)
International Students and researchers	100 USD (for onsite participation)
International Academicians, Faculties and Industry personals	195 USD (for online participation)
International Academicians, Faculties and Industry personals	200 USD (for onsite participation)

Guidelines for Abstract Submission

Title page of the abstract should include, title of the paper, author’s name, designation, institution affiliation, mailing address, contact numbers and email id. Abstract should be sent to vasishthacademy20@gmail.com with a copy to genomicsvasishth@gmail.com. Guidelines for preparation of full paper will be communicated along with the acceptance of the abstracts. Selected papers will be published in the Biology Direct, BMC, Part of Springer Nature, Impact factor: 5.7.

Call for Book Chapters

Authors of the selected abstracts will be invited to submit extended version of their paper to our upcoming book which will be published and distributed by Amazon. Book chapters should be mailed to vasishthacademy20@gmail.com with a copy to genomicsvasishth@gmail.com.

Dates to remember:

	Submission	Notification	Registration
General	October 1, 2024	October 15, 2022	November 15, 2024

