



CALL FOR PAPERS

ICCITBB 2020
Jan 30-31, 2020
New York, USA

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICCITBB 2020 : International Conference on Computational Intelligence Techniques in Bioinformatics and Bioengineering is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Computational Intelligence Techniques in Bioinformatics and Bioengineering. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Evolution, phylogeny, comparative genomics
Gene expression array analysis
Metabolic pathway analysis
MicroRNA analysis
Molecular sequence alignment and analysis
Pattern recognition/data mining/optimization methods in Bioinformatics
Visualization of large biological data sets
Systems and synthetic biology
Structure prediction and folding
Modelling, simulation, and optimization of biological systems
Biological network reconstruction/robustness/evolvability

Epigenomics
Medical imaging and pattern recognition
Biomedical data modelling/data mining/model parametrization
Parallel/high performance computing
Big data analysis and tools for biological and medical data
Biomarker discovery and development
Health data acquisition/analysis/mining
Healthcare information systems/knowledge representation/reasoning
Personalized medicine and treatment optimization
Biopharmaceutical manufacturing
Closed-loop optimization methods/platforms