



# 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