



CALL FOR PAPERS

ICEPG 2020
Feb 10-11, 2020
Kuala Lumpur, Malaysia

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.

ICEPG 2020 : International Conference on Evolution and Population Genomics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Evolution and Population Genomics. 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:

NGS and sequence analysis applied to genomics
Including new genome projects
Study of genome organization
Genome annotation and
Comparative genomics and metagenomics
Studying the regulation of gene expression through analysis and interpretation of transcription or transcriptomics data
miRNA
Regulatory networks
Chromatin structure
Epigenetics data
Analysing and interpreting protein networks
Interactomes
Signalling cascades

Biochemical pathways
Drug-target networks
Constructing and validating computational models of biological systems
Methods for parameter search
Model inference and discrimination
Model validation
Dynamic simulation and control of biological systems models
Algorithms for proteomics and metabolomics
Synthetic biology
Including dedicated formats, standards, languages and frameworks
Studying evolution of biomolecules
Genomes or populations
Phylogenetics