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12th International Conference on

Advancements in Bioinformatics and Drug Discovery

November 26-27, 2018
Dublin, Ireland







SCIENTIFIC PROGRAM

DAY 1
Monday, 26th November

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Biodiversity informatics | Bioinformatics Algorithms & Databases | Clinical Case Reports	**Talks On:** Theoretical Biology & Bioinformatics | DNA Punctuation | Structural & Evolutionary Bioinformatics
Tools for Data Integration	Population genetics
Approaches to Mapping Biodiversity	Evolution, taxonomy and systematics
Web services in bioinformatics	DNA secondary structures
Biological databases	RNA world
Cystic fibrosis case reports	Integrative Bioinformatics
Cancer case reports	Comparative genomics

13:10-13:15 Cancer case reports

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Biostatistics -An Approach to Bioinformatics | Clinical Bioinformatics | Epitranscriptomics	**Talks On:** Systems Biology in Bioinformatics | Computational Biology & Metabolomics | Bioinformatics
Computational statistics	Cancer Systems Biology
Statistical genetics	Systems theory for complex dynamical systems
Medical statistics and informatics	Data mining and Machine Learning
Biomarker discovery	Artificial Intelligence
Mathematical Medicine	Metabolomics & Pharmacology
RNA Methylation	Mass spectrography

DAY 1
Monday, 26th November

Identifying Novel Biochemical Pathways	Translational Medicine

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Bioinformatics and Drug Discovery	Workshop

DAY 2
Tuesday, 27th November

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Biomedical & Health Informatics | Biomedical Engineering & Imaging	**Talks On:** Genomics & Proteomics| Pan Genomics | Moonlighting Proteins
Medical Informatics	Functional & comparative genomics
Biomarkers & Biomedicine	Clinical & medical genomics
Sensor Informatics	Clinical proteomics
Bioengineering Approaches	Proteome informatics
Imaging Informatics & Neural networks	Cytosolic enzymes
Independent Component Analysis	Evolutionary Biology
	Phylogenetic

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On: Drug Discovery | Pharmaceutical Bioinformatics	**Talks On:** Immunology & Genetics | Protein Bioinformatics
Pharmacogenetics in Drug Discovery and Development	Protein docking
Advancing Drug Discovery	Protein network analysis
Accelerated Drug Discovery Perspectives	Structural classification of proteins
Chemoinformatics	Clinical genetics
Computer-aided molecular design	Mitochondrial genetics
Application of Bioinformatics in Drug Designing	Immune cells & proteins
	Clinical biomarkers

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

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