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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
Identifying Novel Biochemical Pathways	Translational Medicine

DAY 1
Monday, 26th November

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**

Organizing Committee Members



Shanrong Zhao

Computational Biology

Pfizer Worldwide Research and Development, USA



Graham Ball

CompanDX Ltd

United Kingdom



M Raj Lakshman

VA Medical Center

USA



Abdel-Badeh Mohamed Salem

Ain Shams University

Egypt



PAST AFFILIATES

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Manuel Gea
Bio-Modeling Systems, France

Dharmendra K Yadav
Gachon University, South Korea

Fatemah Koddam
Islamic Azad University, Iran

Mari van Reenen
North-West University, South Africa

Saloni
Gachon University, South Korea

K. Venkateswara Swamy
Dr. D Y Patil Biotechnology and Bioinformatics Institute, India

Sherief El-Rweney
Royal Holloway university of London, UK

Kathy Tzeng
Optum (UnitedHealth Group), USA

Alan J. Tackett
University of Arkansas for Medical Sciences, USA

Alex Bayes
Biomedical Research Institute Sant Pau, Spain

Anna Shaliutina-Kolesova
University of South Bohemia České Budějovice, Czech Republic

Boris Zaslavsky
Cleveland Diagnostics, USA

Diogo Ribeiro Demartini
Laboratorio de Proteinas Toxicas UNIPROTE-MS Centro de Biotecnologia – UFRGS , Brazil

Eunjoo Kim
Daegu Gyeongbuk Institue of Science and Technology (DGIST), South Korea

Federica Chiappori
Istituto di Tecnologie Biomediche-Consiglio Nazionale delle Recerche, Italy

Jamal Alruwaili
Vice Dean Faculty of Applied Medical Sciences Northern Border University Arar , Saudi Arabia

John F Cipollo
Center for Biologics Evaluation and Research-USFDA, USA

Lydia Siragusa
Molecular Discovery Limited, UK

Magnus S Magnusson
University of Iceland, Iceland

Martine Cadene
Centre de Biophysique Moléculaire, France

Steven Pelech
Kinexus Bioinformatics Corporation, Canada

Vadim Govorun
Federal Research and Clinical Center of Physical-Chemical Medicine of Federal Medical Biological Agency, Russia

PAST AFFILIATES

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Wendy Sandoval
Genentech, Inc. South San Francisco, USA

Xuequn Chen
School of Medicine, Wayne State University , USA

Stefan Kempa
Berlin Institute for Medical
Systems Biology - MDC Berlin, Germany

Wendy Sandoval
Genentech, Inc, USA

Judit Ovádi
Hungarian Academy of Sciences, Hungary

Elena Santonico
University of Rome Tor Vergata, Italy

Nekane Guarrotxena
Spanish National Research Council, Spain

Alon Savidor
Weizmann Institute of Science, Israel

Federica Chiappori
Istituto di Tecnologie Biomediche-Consiglio Nazionale delle Recerche, Italy

Eunjoo Kim
Daegu Gyeongbuk Institute of Science and Technology
South Korea

Elena Papaleo
Danish Cancer Society Research Center, Denmark

Wenzhong Xiao
Stanford University School of Medicine, USA

Alexandru G Floares
SAIA-Solutions of Artificial Intelligence Applications
Romania

Magda Babina
Charité University Medicine Berlin, Germany

Elena Papaleo
Danish Cancer Society Research Center, Denmark

Wenzhong Xiao
University School of Medicine, USA

Alexandru G Floares
SAIA-Solutions of Artificial Intelligence Applications
Romania

Magda Babina
Charité University Medicine Berlin, Germany

Elena Papaleo
Danish Cancer Society Research Center, Denmark

Lee Wei Yang
National Tsing Hua University, Taiwan

Xiaoyu Yu
University of Pretoria, South Africa

Matteo Lo Monte
Institute of Protein Biochemistry (IBP-CNR), Italy

Pavel Vítámvás
Crop Research Institute, Czech Republic

PAST AFFILIATES

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Mauro Baron
Leica Microsystems, Italy

Bart Devreese
Ghent University, Belgium N

Amilcar Flores Morales
University of Copenhagen, Denmark

Jill Barber
University of Manchester, UK

Pavel Vítámvás
Crop Research Institute, Czech Republic

Jaime Jacqueline Jayapalan
University of Malaya, Malaysia

Maria Vittoria Cubellis
University of Naples, Italy

Tamas Hegedus
Semmelweis University, Hungary

Nabil Mili
University of Geneva, Switzerland

Patrick Kück
The Natural History Museum London, UK

Alvaro Olivera-Nappa
University of Chile, Chile

Runsheng Chen
Institute of Biophysics, Chinese Academy of Sciences China

Tamas Hegedus
Semmelweis University, Hungary

Surya Raj Niraula
B P Koirala Institute of Health Sciences, Nepal

Veronna Marie
University of KwaZulu-Natal, South Africa

Prakruthi Appaiah
CSIR-Central Food Technology Research Institute India

Omar Hussein Salman
Al Iraqia University, Iraq

John F Cipollo
Center for Biologics Evaluation and Research-USFDA, USA

Veronica Anania
Genentech, Inc, USA

Serhiy Souchelnytskyi
Qatar University, Qatar

Vadim Govorun
Federal Research and Clinical Center of Physical-Chemical Medicine of Federal Medical Biological Agency Russia

Veronica Anania
Genentech, Inc, USA

Anna Shaliutina-Kolesova
University of South Bohemia České Budějovice Czech Republic

PAST AFFILIATES

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Miroslava Vosahlikova
Institute of Physiology of the Czech Academy of Sciences, Czech Republic

Hamdi Uysal
Ankara University, Turkey

Daniele Musiani
European Institute of Oncology, Italy

Hana Ujcikova
Institute of Physiology-Czech Academy of Sciences Czech Republic

Maolin Tu
Harbin Institute of Technology, China

Guillermo Pérez Ishiwara
Instituto Politécnico Nacional, México

Alhadi Bustamam
University of Indonesia, Indonesia

Zubida Al-majdoub
University of Manchester, UK

Valerie Morineaux
Direction générale de l'Armement, France

Zdenka Kristofikova
National Institute of Mental Health, Czech Republic

Ramona Bosch
University of Hohenheim, Germany

Marta Stasiak
Medical University of Lodz, Poland

Jeong-Su Lee
National Institute of Food and Drug Safety Evaluation Republic of Korea

Katarzyna Gawrys
Medical University of Lodz Poland

Ida Pucci Minafra
University of Palermo, Italy

Peter Nilsson
KTH-Royal Institute of Technology, Sweden

Nekane Guarrotxena
CSIC-Institute of Polymer Science and Technology Spain

Sara Motta
National Research Council, Italy

Patrícia Sampaio Tavares Veras
Gonçalo Moniz Research Center- FIOCRUZ, Brazil

Takeshi Kimura
Ajinomoto Co., Inc, Japan

Patricia Renard
University of Namur, Belgium

Alex Bayes
Biomedical Research Institute Sant Pau, Spain

Mario Looso
Max Planck Institute for Heart and Lung Research, Germany

PAST AFFILIATES

Mohamad Khairi Zainol
Universiti Malaysia Terengganu, Malaysia

Lucia Lourido Salas
Instituto de Investigacion Biomedica de A Coruna Spain

Luis Pinto
University of Tras-os-Montes and Alto Douro Portugal

Abbas Salavaty
Shahid Chamran University of Ahvaz, Iran

Eko Aditya Rifai
Universitas Indonesia, Indonesia

Nadine Bongaerts
Delft University of Technology,The Netherlands

Zeeshan Iqbal
Institute of Molecular Sciences and Bioinformatics Pakistan

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