

Special Issue

Bioinformatics in Genetic Diseases and Cancer

Message from the Guest Editors

Applications of artificial intelligence (AI) and integrative data analytic techniques in biological complex and big data has emerged as an important field which shown its huge impact in biomedical research domains. This special issue will focus on the application of AI and data analytci techniques in particular for understanding and identifying novel biomedical markers, in particular

genetic biomarkers in genetics diseases and cancers, this include but not limited to the topics shown below: • Machine learning or integrative data analytics in computational biomarker discovery in genetic diseases and disorders

- Clinical machine learning and translational medicine in genetic diseases and disorders
- Deep learning and data analytic techniques to uncover novel patterns and biomarkers in genetic diseases and disorders
- Supercomputing to identify genetic biomarkers
- Mathematical methods for diagnostic classifiers
- Biological networks to analyse genetic variants

Please kindly note: New methods must be compared to existing state-of-the-art methods, using real biological data. The inclusion of experimental data is very much encouraged.

Guest Editors

Prof. Dr. Amin Beheshti

Department of Computing, Data Analytics Lab, Macquarie University, Sydney, NSW 2109, Australia

Dr. Hamid Alinejad-Rokny

BioMedical Machine Learning Lab (BML), UNSW Sydney, Sydney, NSW 2052, Australia

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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