



New Insights in Translational Bioinformatics

Guest Editor:

Dr. Camelia Quek

Faculty of Medicine and Health,
The University of Sydney, Sydney,
NSW 2006, Australia

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Message from the Guest Editor

Dear Colleagues,

Translational bioinformatics is an emerging field that focusses on providing efficient translation of basic science (molecular, genetic and cellular) and clinical data into clinical practice. New technologies and the increasingly voluminous amounts of scientific and clinical data are posing challenges in different fields, such as single-cell analysis, spatial image analysis, genomics, proteomics, transcriptomics, multi-omics data analysis, multimodal integration of molecular and clinical data, drug discovery, personalised medicine and biomarkers. In this Special Issue, manuscripts focusing on topics including but not limited to single-cell sequencing, spatial imaging, machine learning, artificial intelligence, next-generation sequencing for personalised medicine and biomarkers, rare and common variants of disease, drug discovery, system biology, pharmacogenomics, biomedical data mining and data visualisation are invited. Original research articles, reviews, opinions/commentaries, perspectives and short communications are welcome.

Dr. Camelia Quek
Guest Editor





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Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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