Call for Papers

Special Issue on

“The Developments and Applications of Medical Biology and Health Informatics”

With advancements in Medical Biology and Health Informatics, the disease and treatment research data generated by multi-omics techniques (e.g. Proteomics, Metabonomics, Genomics, and Transcriptionomics, etc.), biochemics, chemical biology, cell biology, and various molecular biology and health informatics techniques have grown exponentially, and the nature of such data is increasingly more complex. This poses a great challenge on how to develop new advanced Medical Biology and Health Informatics methods and computational models for efficient data processing, analysis and modelling in medical research, pharmaceutical screening, clinical applications and in understanding the underlying molecular biological process.

The purpose of this special issue is to provide a diverse, but complementary, set of contributions to demonstrate new developments and applications of advanced Medical Biology and Bioinformatics in medical and health fields. The ultimate goal is to promote research and development of advanced Medical Biology and Health Informatics analysis for multi-omics or multidisciplinary biomedical analysis by publishing high-quality research articles and reviews in this rapidly growing interdisciplinary field.

The topics of interest include, but are not limited to:
- New algorithms, models and applications of advanced Medical Biology and Health Informatics methods;
- Multi-omics techniques: data acquisition, reconstruction; (Proteomics, Metabolomics, Genomics, and Transcriptomics, etc.)
- The research methods and results of basic medicine, clinical medicine, and translational medicine;
- The research methods and results of traditional medicine and ethnic medicine;
- The advanced various methods of meta-analysis based on disease and medical data;
- The various research methods and results of Pharmacodynamics ingredients and effects;
- The various biomedical methods for health;

**Important dates**

Submission Deadline: March 31, 2020

Final Acceptance: June 31, 2020

**Guest Editors**

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**Submission Instructions**

READ THIS NOTE BEFORE SUBMISSION:
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**Manuscript-Processing Fees:**

All new manuscripts submitted to this journal will be subjected to a Manuscript Processing Fee. Research article publishing is not without occurring costs and the costs have been steadily increasing. To defray part of the publication cost, the journal will charge manuscript-processing fees, to be paid by the authors or their affiliated research institutions. The publication fee will be used to defray part of the occurring expenses associated with manuscript processing, editorial workflow, typesetting, proofreading, printing, online-hosting, and archiving. Authors or their affiliated research institutions are required to pay US$1080 for their articles for a special issue article from all Countries. The authors will receive the PDF version of their research papers in final form. When submitting a manuscript through online, it will be processed with an understanding that the corresponding authors fully agree to pay all manuscript-processing fees upon acceptance. The author who submits the manuscript to the journal is fully responsible for the manuscript-processing fees. Accepted peer reviewed manuscripts will not be processed and forwarded to production until all fees are paid in full to the publisher. The Publisher will issue an invoice of manuscript processing fees after a manuscript has been accepted for publication. The Corresponding author will be asked to submit a signed Copyright Transfer Agreement (CTA) along with manuscript processing fees.