

## Special Issue

# Human Genome Sequencing in Health and Disease

### Message from the Guest Editors

This Special Issue on "Human Genome Sequencing in Health and Disease" will mainly focus on the following trends, addressed as reviews, new methodological approaches and original research:

- Whole genome sequencing developments in the identification of CNVs and trinucleotide repeat expansion
- Improving the interpretation of genomic data
- Genomic-based cancer diagnosis and treatment
- Diagnosing neurodevelopment disorders
- RNA vs. DNA sequencing: strategies to improve diagnostic yield
- Diagnosis and treatment of rare hereditary diseases
- Unraveling missing heritability with genomic sequencing
- Neomutations, gonadal mosaicism or parent low-level mosaicism: new perspectives from deep sequencing
- Pharmacogenomics in clinical practice: are we ready?
- Liquid biopsy: current state and future perspectives
- Transcriptomic applications in cancer research and in clinical practice

### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2024)



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## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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