



Mutation Detection and Its Applications in Medicine

Guest Editors:

Dr. Tze-Kiong Er

Division of Laboratory Medicine,
Asia University Hospital,
Taichung, Taiwan Department of
Medical Laboratory Science and
Biotechnology, Asia University,
Taichung, Taiwan

Dr. Chih-Chieh Chen

Institute of Medical Science and
Technology, National Sun Yat-
sen University, Kaohsiung 80424,
Taiwan

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

Mutation detection plays an important role in all areas of biology. Thus far, many different methods, especially high-throughput sequencing technologies, have been developed to identify disease-causing mutations. Additionally, these methods may be applied to the early detection and prognosis of certain diseases. Moreover, the discovery of disease-causing mutations can be used to elucidate the underlying molecular mechanisms of diseases.

Potential researchers are invited to submit their work on mutation detection and its application in medicine. Papers on the development of mutation detection techniques for identifying disease-causing mutations are particularly welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA

2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPUS / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](#)