

Special Issue

Genetics and Genomics of Congenital Diseases

Message from the Guest Editor

The practice genome medicine has revolutionized our approaches to medical care. With the recent advancement of sequencing technologies, molecular diagnosis of many of the congenital diseases can now be achieved timely and cost effectively. However, the emerging need for defining the causative role of rare or novel genetic variations in congenital diseases is indispensable. The aim of this Special Issue is to highlight recent progress in using the genetic and genomic approaches to improve the care of congenital diseases. We welcome reviews, original research articles, that focus on or are relevant to multidisciplinary genetic and genomic of congenital diseases, including Mendelian, polygenic or complex traits disorders. Studies with cell biology, molecular biology, model organisms, advanced sequencing or genome editing technologies that elucidate the underlying disease-causing mechanisms and therapeutic approaches are encouraged.

Guest Editor

Dr. Peng-Chieh Chen

Institute of Clinical Medicine, College of Medicine, National Cheng Kung University, Tainan, Taiwan

Deadline for manuscript submissions

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Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

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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.

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

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