

Special Issue

Modelling Monogenic Human Diseases

Message from the Guest Editor

In the recent years, increasing numbers of models have been developed to study the different aspects of human genetic disease. With the nowadays easy access to genome editing tools, animal and cell lines reproducing human disease are being developed. Such models are amazing platforms for the evaluation of new therapeutic approaches and/or large-scale drug screening. In this Special Issue entitled “Modeling Monogenic Human Diseases”, we invite the submission of original scientific reports, review articles, commentaries, and perspective pieces on the broad topic of models of human diseases. We wish to cover a wide panel of pathologies affecting different organs, using in vitro and in vivo approaches. The focus will be put on (1) research articles about the development of these new models and their use in translational approaches and (2) reviews about the comparison between existing disease models with their strengths and limitations. This Special Issue will be a comprehensive collection of articles and an incredible resource for scientists within the field of translational research and for biological science in general.

Guest Editor

Dr. Antony Cougnoux

National Institute of Child Health and Human Development, Bethesda, MD, USA

Deadline for manuscript submissions

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

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

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