

Special Issue

Ion Channels as Targets of Personalized Medicine

Message from the Guest Editor

There are more and more studies reporting the modulating effects of ion channel gene mutations or polymorphisms on the individual response to treatment, thereby contributing to failure or success of therapy. The time is ripe for addressing the pharmacogenetics of ion channels and to develop personalized medicine targeting ion channels. This topic issue aims at collecting research papers and reviews addressing any aspect regarding the potential contribution of ion channels to personalized medicine, including predictive biomarkers used in treatment decision, pharmacogenetics, drug resistance, treatment efficacy and toxicity, drug development, and targeted and adjuvant therapies.

Guest Editor

Prof. Dr. Jean-François Desaphy

Department of Precision and Regenerative Medicine, School of Medicine, University of Bari Aldo Moro, 70124 Bari, Italy

Deadline for manuscript submissions

closed (1 December 2021)



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*Journal of Personalized
Medicine*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jpm@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

Department of Laboratory Medicine and Pathobiology, Department of Surgery, University of Toronto, 6 Queens Pk Crescent W.F, Toronto, ON M5S 3H2, Canada

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indexed within Scopus, PubMed, PMC, Embase, and other databases.

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CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).