Special Issue

Physiological Signal Analysis Methods in Healthcare

Message from the Guest Editors

In the clinical domain, physiological signal analysis methods aiming at extracting hidden information from medical data are incessantly being explored. New applications for new and existing methods also keep emerging. Despite the apparently remote relationship between bioengineering and medicine, the development of the former has begun to unlock the secrets hidden inside different physiological signals through which clinicians could follow the progression or even predict the outcome of a variety of diseases. This Special Issue is intended to present and discuss physiological signal analysis methods in healthcare and their applications. It also aims at facilitating the exchange of ideas and promoting interactions between investigators across different specialties. To emphasize the comprehensiveness of the topic, papers focusing on signal analysis ranging from organ to system level in both physiological and pathological situations are anticipated. We sincerely invite investigators to contribute to this Special Issue by submitting reviews and original papers.

Prof.

Guest Editors

Prof. Dr. Hsien-Tsai Wu
Prof. Dr. Cheuk-Kwan Sun
Prof. Dr. Jian-Jung Chen

Deadline for manuscript submissions

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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

mdpi.com/journal/jpm

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).