

Special Issue

AI & Machine Learning in Bioinformatics and Healthcare Informatics

Message from the Guest Editors

AI and machine learning have been applied to bioinformatics and healthcare informatics in analysing omics data, electronic health records, medical imaging, biomarkers and lifestyle data. In this Special Issue titled “AI and Machine Learning in Bioinformatics and Healthcare Informatics”, we seek original regular, review articles, innovative methods and protocols, and reports on AI and machine learning with applications to bioinformatics and healthcare informatics. Additionally, selected papers from CERC2021, the Machine Learning and Artificial Intelligence in Bioinformatics and Medical Informatics (MABM2021) Workshop, and Integrative Data Analysis in System Biology Workshop (IDASB2021), in conjunction with BIBM2021, are particularly invited to this Special Issue.

Guest Editors

Prof. Dr. Huiru Zheng

Dr. Haiying Wang

Prof. Dr. Matthias L. Hemmje

Dr. Felix Engel

Deadline for manuscript submissions

closed (30 November 2023)



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Methods and Protocols
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mps@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Methods and Protocols (ISSN 2409-9279) is an open access journal devoted to the publication of new procedural approaches and cutting-edge methodological developments. The ultimate objective of this new forum of scientific communication is to provide researchers with an indispensable tool, enabling better use of the latest scientific technologies. With a broad and totally interdisciplinary focus, *Methods and Protocols* was established with the objective of facilitating cross-fertilization and cross-talk in the scientific arena. Methods and protocols in Life Sciences, Chemistry, Biomedical Sciences, Engineering, and in their intersections such as Biotechnology and Nanotechnology will constitute the core of the journal. However, we anticipate that other fundamental disciplines such as Physics or Geology will be rapidly incorporated.

Editor-in-Chief

Prof. Dr. Fernando Albericio

1. School of Chemistry and Physics, University of KwaZulu-Natal, Durban, South Africa
2. Department of Organic Chemistry, University of Barcelona, Barcelona, Spain

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