Special Issue

Clinical Informatics and Data Analysis in Healthcare

Message from the Guest Editor

Biomedical informatics, as well as biostatistical methods of data analysis, are of significant importance for scientific knowledge in healthcare. Such methods allow for the study of the variability of health phenomena including verification of hypotheses, forecasting. identification of health determinants, the study of different causal relationships, and the yield of clinically useful tools in health care management. In the proposed Special Issue of the journal, we are interested in the application of classical as well as new informatics technologies and statistical methods of biomedical data analysis, including artificial intelligence, machine learning, wearables devices, and signal processing. Both original research and review articles dealing with the application of mentioned methods to practical problems in healthcare are expected.

Guest Editor

Prof. Dr. Aleksander Owczarek

Health Promotion and Obesity Management Unit, Department of Pathophysiology, Medical University of Silesia, 40-055 Katowice, Poland

Deadline for manuscript submissions

closed (31 December 2023)



Healthcare

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.7
Indexed in PubMed



mdpi.com/si/122849

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

mdpi.com/journal/ healthcare





Healthcare

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.7
Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Healthcare is an international, scientific, peer-reviewed, open access journal on health care systems, industry, technology, policy, and regulation, and is published semimonthly online by MDPI. Ocular Wellness & Nutrition Society (OWNS) is affiliated with Healthcare and its members receive discounts on article processing charges.

Editor-in-Chief

Prof. Dr. Lorraine S. Evangelista

Sue & Bill Gross School of Nursing, University of California, Irvine, CA 92697. USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), PubMed, PMC, and other databases.

Journal Rank:

JCR - Q2 (Health Policy and Services) / CiteScore - Q1 (Leadership and Management)

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 2.6 days (median values for papers published in this journal in the first half of 2025).

