



informatics



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Health Informatics: Feature Review Papers

Guest Editors:

Prof. Dr. Jiang Bian

Biomedical Informatics,
Department of Health Outcomes
& Policy, College of Medicine,
University of Florida, Gainesville,
FL 32610, USA

Dr. Yi Guo

Department of Health Outcomes
and Biomedical Informatics,
University of Florida, Gainesville,
FL 32610, USA

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Message from the Guest Editors

Biomedical and health informatics is an interdisciplinary field, where the central theme is to explore the effective uses of data, information, and knowledge for scientific inquiry, problem-solving, and decision-making, motivated by efforts to improve human health. Research in health informatics has always been data-centric, and advancements have heavily relied on the availability of various, heterogeneous, and novel new data sources. For example, the rapid adoption of electronic health records (EHRs) in the past few decades has made large collections of real-world healthcare data available. Further, recent advancements in artificial intelligence, especially machine learning and deep learning, have enabled us to develop novel biomedical and health informatics methods and tools to address a wide range of applications in improving health and health equity.

This Special Issue invites review papers related to all aspects of health informatics: artificial intelligence and data science, electronic health records, curation of novel data sources, digital health, social determinants of health, causal inference, clinical trial design, etc.



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Special Issue



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Editor-in-Chief

Prof. Dr. Antony Bryant

Headingley Campus, Leeds
Beckett University, Leeds LS6
3QS, UK

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Informatics Editorial Office
MDPI, St. Alban-Anlage 66
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