



Computational Approaches for Data Inspection in Biomedicine

Guest Editors:

Prof. Dr. Nicoletta Del Buono

Department of Mathematics,
University of Bari Aldo Moro via E.
Orabona, 4, I-70125 Bari, Italy

Dr. Flavia Esposito

Department of Mathematics,
University of Bari Aldo Moro,
70125 Bari, Italy

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Message from the Guest Editors

Dear Colleagues,

In recent decades, the rapid development of high-performance technologies has produced an explosive growth of digitized medical data, including radiology images, omics data, laboratory test results, and medical and personal statistics. The main aim of this Special Issue is to introduce and discuss major problems for the preprocessing, analysis, and interpretation of biomedical data, to review the state-of-the-art of mathematical and computational approaches for biomedical applications, and to explore current and emerging algorithms and techniques able to unravel patterns, associations and correlations in large amounts of biomedical datasets.

Keywords Topics of interest include but are not limited to: Low-rank methods for biomedical data; Feature extraction and selection algorithms in biomedical data; Anomaly detection methods for biomedical applications; Clustering algorithms applied to omics and biomedical data; Bioimaging for omics data; Optimization and machine learning algorithms for biomedical data.





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Editor-in-Chief

Prof. Dr. Francisco Chiclana
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Informatics, De Montfort
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Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
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