Special Issue

Application of Semantic Web Technologies in Biomedicine and Biomedical Informatics

Message from the Guest Editors

The large amount of biomedical data has allowed for the proliferation of novel methods for data analysis and knowledge extraction. Bioinformatics has focused attention on these, allowing data processing and analysis both of homogeneous and heterogeneous sources. The Semantic Web technologies are focused on interrelations that allow data computation and processing.

This Special Issue will publish papers on a wide range of data-centered bioinformatics topics by focusing on the semantic web technologies in biomedicine and biomedical informatics. It will consider articles describing novel computational algorithms and software tools, data models, and methodologies based on artificial intelligence and systems biology in biomedicine and biomedical informatics fields. Its main aim will be collecting original works in the fields of bioinformatics, databases, data science, and medical informatics, as well as in application-related fields (e.g., biology and medicine), to address the challenges and the requirements related to the application of Semantic Web technologies in biomedicine and biomedical informatics.

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *BioMedInformatics* (ISSN 2673-7426). *BioMedInformatics* is an international, multidisciplinary, peer-reviewed and scientific open access, open source journal that encourages authors to submit high-quality original research papers and in all areas of biomedical informatics, as well as computational biology and medicine. Systematic Reviews will also be considered for publication. *BioMedInformatics* is published quarterly online by MDPI. We would be pleased to welcome you as one of our authors.

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