

Special Issue

Methods, Applications and Developments in Biomedical Informatics: 2nd Edition

Message from the Guest Editors

Computer science and artificial intelligence play a central role in the healthcare domain in various aspects, e.g., clinical research, decision support, process organization, management and optimization, telemedicine, and public health. In this Special Issue, we encourage the submission of original research articles, review articles, and short technical communications that focus on the above topics and areas. More specifically, we seek methodological articles on applications and recent developments in the context of artificial intelligence and biomedical informatics applied to the healthcare domain. Topics include, but are not limited to, the following:

- Artificial intelligence;
- Data mining/machine learning;
- Clinical guidelines;
- Decision support and therapy improvement;
- Business process management/process mining;
- Health data acquisition and analysis;
- Healthcare information systems/knowledge representation/reasoning;
- Medical imaging and pattern recognition;
- Architectures and technologies for telehealth;
- Medical signal and data processing.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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