

Special Issue

Medical Big Data and Artificial Intelligence for Healthcare

Message from the Guest Editors

The growth of big medical data, together with the expansion of computational models in healthcare, has aided researchers and practitioners in analyzing big healthcare data. Furthermore, big data analytics have been used for a number of applications in healthcare, such as personalized medicine and prescriptive analytics, waste and care variability reduction, clinical risk intervention and predictive analytics, the automated external and internal reporting of patient data, and the standardization of medical terms and patient registries. Big data in healthcare research encourages exploratory medical research, as AI-based data-driven analysis allows us to move forward faster than hypothesis-driven research can.

- big data
- healthcare
- artificial intelligence

Guest Editors

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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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