Advanced Artificial Intelligence (AI) Techniques in Healthcare

Guest Editor:

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Deadline for manuscript submissions:
closed (3 August 2023)

Message from the Guest Editor

Dear Colleagues,

There is a recognized need for continous artificial intelligence (AI) and, more specifically, machine learning (ML) research in healthcare domains. AI research models assist researchers in handling and utilizing very large quantities of data produced in healthcare settings. This Special Issue focuses on novel AI/ML techniques that help to advance our knowledge of healthcare by, for example, enabling the development of new treatment heuristics or methodologies, which can be considered translational. The research published in this Special Issue should address how translation can be accomplished in cases where it has not yet been achieved.

The healthcare domains to which this research is relevant are broad and include:

- AI in oncology
- AI in pharmaceuticals
- AI in surgery
- AI in home health care and telemedicine
- AI in endocrinology, including diabetes
- AI in radiology
- AI in dermatology
- AI applications in healthcare insurance

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Special Issue

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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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