Artificial Intelligence and Multimodal Technology for Health Applications

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Message from the Guest Editors

Dear Colleagues,

AI techniques are being effectively used in health applications. Modern health treatments are faced with the challenge of acquiring, analyzing, and applying the large amount of data. The contribution from different sources of information is often complementary and, hence, multimodal approaches are proposed. This Special Issue will provide a forum for the publication of articles that address broad challenges in both theoretical and application aspects of AI in health applications. The topics include, but are not limited to:

Monitoring and decision-making support

Inference models for prevention, early detection, diagnosis, treatment, and prognosis

Interpretability and trustworthiness of AI in health applications

Sensor technology health applications

Legal and ethical aspects of health technology

Medical image acquisition and processing

Novel AI techniques in medical data processing and analysis

AI in mental disorder detection

AI for COVID-19 pandemic

Virtual and augmented reality for health applications

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Special Issue

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Message from the Editor-in-Chief

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