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Machine Learning and IoT in Medical Practice: Research Applications and Population-Level Solutions

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Deadline for manuscript submissions:
closed (15 March 2024)

Message from the Guest Editors

Dear Colleagues,

Modern approaches to healthcare research and patient care have come to demand the seamless handling of large data quantities. In this aspect, artificial intelligence approaches are growing in popularity as a means of big data utilization for the construction of neural networks with decision-making capabilities. Correspondingly, the IoT concept is gaining an increasingly strong foothold in the world of medicine; interconnected biosensors, tele-monitoring systems, and cloud computing are all everyday parts of medical practice.

Original works describing novel applications, feasibility studies as well as review articles are solicited for the purposes of this Special Issue. Topics of interest include, but are not limited to:

- AI and neural networks in basic and genomic research;
- Machine learning algorithms in cancer diagnosis;
- AI-assisted image diagnostics;
- Decision-making algorithms in multimodal patient care;
- IoT in patient monitoring;
- Mixed reality (MR)-assisted surgery.

For more information, please visit: mdpi.com/si/GC608



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Special Issue



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Message from the Editor-in-Chief

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