

Special Issue

Role of Artificial Intelligence in Healthcare and Biomedical Systems

Message from the Guest Editors

The fields of healthcare informatics and biomedical engineering play an important role in the effectiveness of present-day healthcare systems. Advancement of Artificial Intelligence, Big Data Analytics, and Internet of Things technologies contribute greatly to various healthcare applications. Artificial Intelligence Techniques have replaced human-based systems and provided systems where prediction and diagnosis in healthcare diseases are quite accurate. The development of reliable and accurate healthcare models is possible with the help of machine learning and deep learning technologies. Artificial Intelligence has the power to solve many complex problems in the biomedical industry and is a technology that is supposed to decide the future of healthcare systems. Additionally, as cybersecurity threats to healthcare and biomedical applications grow in number and severity, artificial intelligence is helping providers detect vulnerabilities and respond to data breaches faster and with greater precision.

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