Special Issue

Applications of Artificial Intelligence for Medical Diagnosis

Message from the Guest Editors

In recent years, healthcare has been significantly transformed by the integration of Artificial Intelligence (AI), especially in medical diagnosis. Generative AI and other advanced models are enabling new approaches to interpreting clinical data, supporting decision-making, and personalizing treatment plans. These technologies enhance diagnostic accuracy, improve workflow efficiency, and reduce the burden on healthcare professionals. AI tools are increasingly being used to analyze medical images, predict disease progression, assist in triage, and generate clinical documentation, among many other applications. As interdisciplinary collaboration grows, the ability to turn complex health data into meaningful insights continues to expand. This Special Issue explores the most innovative applications of AI across the healthcare spectrum, with a focus on diagnostic tools, decision support systems, and responsible implementation practices. By highlighting both research advances and real-world applications, the issue aims to showcase how AI can improve patient outcomes, support physicians in their daily practice, and contribute to a more effective and responsive healthcare system.

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Editor-in-Chief

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