Artificial Intelligence Approaches for Medical Diagnostics in Europe

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Message from the Guest Editors

Artificial intelligence (AI) is considered one of the areas of strategic importance; it has the potential to be a key driver of economic development, in addition to having a wide range of social implications. Governments in Europe and worldwide have identified health as one of the key applications of AI. The European Commission, as part of its AI strategy, has included health as one of the three sectors for which it has provided specific recommendations on investments. More specifically, the EU's approach centers on fostering excellence in AI, building trustworthy AI, addressing the risks generated using AI in the medical sector, aiming to boost research and industrial capacity and ensure fundamental rights.

AI applications hold a significant potential for enhancing and streamlining existing tasks in medical practice, such as diagnosis, treatment, prevention, progression, and personalized care. The aim of this Special Issue is to bring together all actors involved in the ecosystem of AI approaches related to medical diagnostics, to present state-of-the-art methodologies and ideas that can be adopted in medical operational practice.

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Message from the Editor-in-Chief

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