



Artificial Intelligence Approaches for Medical Diagnostics in Europe

Guest Editors:

Dr. Evanthia E. Tripoliti

Unit of Medical Technology and Intelligent Information Systems, Department of Materials Science and Engineering, University of Ioannina, GR 45110 Ioannina, Greece

etripoliti@gmail.com

Dr. Giuseppe Fico

Assistant Professor of Biomedical Engineering, Universidad Politécnica de Madrid, ETSI Telecomunicación, Avenida Complutense, 30, Ciudad Universitaria, 28040 Madrid, Spain

gfico@lst.tfo.upm.es

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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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Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical
Physiology, Nuclear Medicine
& PET National University
Hospital, Rigshospitalet,
University of Copenhagen,
Blegdamsvej 9, DK-2100
Copenhagen, Denmark

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Diagnostics
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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