

## Special Issue

# Machine Learning in Precise and Personalized Diagnosis

### Message from the Guest Editor

It is estimated that, in high-income countries, approximately 5% of patients receive an incorrect medical diagnosis every year. The diagnostic errors are common in patients with serious medical conditions. However, thanks to the recent advancements in Artificial Intelligence and Machine Learning in healthcare systems, a remarkable decline in incorrect diagnosis has been observed. With the availability of a large amount of clinical data, the Machine Learning models show their competency in providing detailed medical diagnosis and prediction without any human expertise. The summary of the latest research reveals that Machine Learning techniques are much more efficient in diagnosing and the early detection of diseases, and medical imaging analysis. Moreover, the Machine Learning-based models are also helpful in precise and personalized diagnoses to the patients. The aim of this Special Issue to publish original research regarding Machine Learning in medical diagnosis and prediction.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2025)



# Diagnostics

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You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418).

*Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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