

Special Issue

Clinical Applications of Artificial Intelligence and Machine Learning in Diagnosis and Therapy

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances in the application of AI and ML to clinical diagnosis, prognosis, and therapeutic decision-making. We welcome contributions addressing real-world clinical applications of AI-driven systems across neurological, psychiatric, and broader medical domains. Topics of interest for publication include, but are not limited to, the following:

- Artificial intelligence in clinical diagnosis systems;
- Machine learning methods for neuroimaging and medical imaging analysis;
- Digital biomarkers and computational phenotyping of multifactorial diseases;
- Explainable and interpretable AI for clinical applications;
- Multimodal data integration (e.g., imaging, clinical, genomic, and behavioral data);
- AI-driven predictive models for disease progression and treatment response;
- Machine learning approaches for cognitive and behavioral data analysis;
- Deep learning and foundation models for biomedical data;
- AI-based tools for personalized and precision medicine;
- Human–AI interaction and patient-centered design of clinical AI systems.

Guest Editors

Dr. Christian Salvatore
Dr. Valentina Chiappa
Dr. Gennaro D'Anna

Deadline for manuscript submissions

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Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

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About the Journal

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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