Special Issue

Artificial Intelligence in Digital Health

Message from the Guest Editors

Contributions cover various topics:

- AI-enabled Diagnostic Tools: Advances in AI-driven diagnostic tools encompass tools for interpreting medical images and analyzing the correlation of diverse medical data, including lab results, historical patient data, and medical images, thereby enhancing diagnostic accuracy.
- Remote Patient Monitoring: Innovations in remote patient monitoring systems with AI capabilities for continuous health surveillance and early warning detection.
- Predictive Analytics and Prognostic Models: Exploration of AI-driven predictive analytics for forecasting disease progression and optimizing treatment strategies.
- Healthcare Workflow Optimization: Investigations into AI solutions for streamlining healthcare workflows and improving operational efficiency.
- Patient Self-Management: Advances in AI-driven tools empowering patients to actively manage their health through personalized interventions, lifestyle recommendations, and treatment adherence support.
- Ethical and Regulatory Considerations: Reflections on ethical and regulatory challenges related to AI integration in healthcare.

Guest Editors

Dr. Patricia Macedo

Dr. Ana Inês Oliveira

Dr. Filipa Ferrada

Deadline for manuscript submissions

closed (20 May 2025)

Applied Sciences

mdpi.com/journal/
applsci

MDPI

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:
JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)