

Special Issue

Artificial Intelligence in Clinical Medicine—Transforming Patient Care Through Innovation

Message from the Guest Editors

This Special Issue of *Reports* highlights the growing impact of artificial intelligence (AI) across clinical medicine, with a focus on **real-world case studies**, **translational research**, and **critical reviews**. We welcome submissions that demonstrate AI's role in improving diagnosis, treatment, and healthcare delivery, particularly in the following areas:

- **AI in Diagnostics and Precision Medicine**
- **Medical Imaging and Pathology**
- **Genomics and Multi-Omics AI**
- **Rare and Complex Diseases**
- **AI in Therapeutics and Personalized Medicine**
- **Precision Oncology**
- **Drug Discovery and Repurposing**
- **Digital Therapeutics**
- **Clinical Implementation and Ethical Considerations**
- **NLP and Clinical Workflow**
- **Bias, Fairness and Regulatory AI**
- **Explainability and Clinician–AI Collaboration**

We particularly encourage **case reports** demonstrating AI's impact on individual patient care (e.g., "AI-guided diagnosis of a rare genetic disorder") alongside **validation studies** and **critical appraisals** of AI failures in clinical settings. Submissions from **clinician–AI researcher collaborations** are highly valued.

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Reports

an Open Access Journal
by MDPI

Impact Factor 0.6
Indexed in PubMed



mdpi.com/si/250146

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Message from the Editor-in-Chief

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