

## Special Issue

# Advanced Technologies in Medical/Health Informatics

### Message from the Guest Editors

The field of medical and health informatics is rapidly evolving, driven by the integration of advanced technologies. These innovations are transforming how healthcare data are collected, analyzed, and used—leading to smarter decision-making, improved patient outcomes, and enhanced operational efficiency across healthcare systems. We welcome contributions that explore how technologies are enabling intelligent health information systems, real-time patient monitoring, predictive analytics, and data-driven care models.

- AI and Machine Learning in Health: Predictive modeling and decision support systems; natural language processing in clinical texts and EHRs...
- Big Data and Cloud-Based Solutions: Scalable platforms for health data storage and processing; integration and analysis of structured and unstructured health data...
- Digital Health Platforms and Smart Devices: Remote patient monitoring using IoT and wearable sensors; mobile health (mHealth) applications...
- Data Privacy and Security in Digital Health Systems: Secure data transactions in healthcare...
- clinical informatics: clinical workflow optimization; data visualization and dashboards...

### Guest Editors

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### Deadline for manuscript submissions

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## Applied Sciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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