

## Special Issue

# Generative Artificial Intelligence for Clinical Decision Support System and Healthcare

### Message from the Guest Editors

We are pleased to announce a Special Issue titled “Generative Artificial Intelligence for Clinical Decision Support System and Healthcare”. As healthcare continues to evolve with the integration of cutting-edge digital technologies, Generative Artificial Intelligence (GenAI) is emerging as a key enabler in transforming clinical workflows, enhancing decision-making, and personalizing patient care.

This Special Issue aims to highlight innovative methodologies, formative use cases, and impactful applications of GenAI in clinical decision support systems (CDSS) and across the healthcare continuum. We welcome original research and review contributions that explore how GenAI—through models such as large language models, generative adversarial networks, and diffusion models—is being integrated into healthcare environments to improve efficiency, accuracy, and outcomes.

We invite original research articles, reviews, case studies, and perspectives that explore the transformative role of GenAI in healthcare.

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### Guest Editors

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### Deadline for manuscript submissions

20 November 2025



## 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

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