

Special Issue

The Roles of AI in Disease Diagnosis and Treatment

Message from the Guest Editor

Recent years have seen an increased presence of artificial intelligence (AI) in hospital settings, with AI-based programmes already in operation within several healthcare systems. Nevertheless, the role of AI in different medical specialties is highly diverse, and its full potential is yet to be realised. The present Special Issue aims to comprise the latest advances in the field of artificial intelligence (AI) and their potential applications in the diagnosis and treatment of different diseases. A particular focus will be given to radiomics and the integration of this field with clinical, genomic and proteomic data, with the objective of facilitating a deeper understanding of pathological mechanisms at the molecular level. The analysis of this information and its subsequent integration into daily clinical practise has the potential to transform the future of the medical profession. The journal invites submissions of original research papers, review articles and short communications that focus on the applications of artificial intelligence in the diagnosis and treatment of diseases such as cancer and different neurological pathologies.

Guest Editor

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Deadline for manuscript submissions

20 December 2025



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/230858

*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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