

## Special Issue

# Advances in Medical Genetics, Genomics and Precision Medicine: From a Molecular Perspective to Clinical Practice

### Message from the Guest Editors

The breathtaking developments in molecular diagnostics over the past decades and their translation to clinical practice have enabled insight into the pathophysiology of diseases that could only be recognized at the supracellular level until now. The introduction of molecular techniques for the detection of genetic and chromosomal disorders has opened up a range of possibilities for precise diagnostics. This progress also enables the development of completely new therapies with influence at the subcellular level, such as targeted therapy, immunotherapy, cell therapy and gene therapy.

The main aim of this Special Issue of *Medicina* will be to deliver new insight from the fields of molecular and cellular medicine that describe the impact of medical genetics- and genomics-disruptive innovations on the healthcare system in order to provide better diagnosis and treatment.

I invite colleagues around the world to report their experience and knowledge in medical genetics and genomics with basic, translational and clinical research, original studies, comparative studies, reviews, systematic reviews and meta-analyses.

---

### Guest Editors

Prof. Dr. Darko Katalinić

1. Department of Biology and Medical Genetics, Faculty of Medicine, Josip Juraj Strossmayer University of Osijek, 31000 Osijek, Croatia

2. Department of Clinical Medicine, Faculty of Dental Medicine and Health, Josip Juraj Strossmayer University of Osijek, 31000 Osijek, Croatia

Dr. Ivana Škrlec

Faculty of Dental Medicine and Health, University J. J. Strossmayer Osijek, 31000 Osijek, Croatia

---

### Deadline for manuscript submissions

closed (31 January 2025)



## Medicina

---

an Open Access Journal  
Published by MDPI

---

Impact Factor 2.4  
CiteScore 4.1  
Indexed in PubMed



[mdpi.com/si/193241](https://mdpi.com/si/193241)

*Medicina*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[medicina@mdpi.com](mailto:medicina@mdpi.com)

[mdpi.com/journal/  
medicina](https://mdpi.com/journal/medicina)





# Medicina

---

an Open Access Journal  
Published by MDPI

---

Impact Factor 2.4  
CiteScore 4.1  
Indexed in PubMed



[mdpi.com/journal/  
medicina](https://mdpi.com/journal/medicina)



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

---

### Editor-in-Chief

Prof. Dr. Edgaras Stankevičius  
Medical Academy, Lithuanian University of Health Sciences, Kaunas,  
Lithuania

---

### 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), PubMed, MEDLINE, PMC, and other databases.

#### Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)