

## Special Issue

# Recent Trends in Prenatal Genetic Screening and Testing

### Message from the Guest Editors

Noninvasive prenatal diagnosis (NIPD) has become routine test in the last years. It is achieved by studying cell-free DNA (cfDNA) in the maternal plasma, which contains fetal cfDNA (cffDNA) derived from the placenta. NIPD is frequently limited to the screening of chromosomal anomalies, fetal sex determination and Rhesus D genotyping. Actually, about 25-30% of genomic rearrangements visible through molecular cytogenetics are underlying congenital anomalies and 10-20% of isolated or syndromic anomalies can be associated with monogenic diseases, whose diagnosis is often established based on a family history, clinical examination, and confirmed through genetic tests. In our study, the challenge was to apply trio-Whole Exome Sequencing (trio-WES) strategy using cffDNA, in order to implement NIPD to cases of fetal ultrasound malformations. .... For more information, please kindly click below link: <https://www.mdpi.com/si/61392>

### Guest Editors

Prof. Dr. Sabrina Giglio

Dr. Aldesia Provenzano

Prof. Dr. Orsetta Zuffardi

### Deadline for manuscript submissions

closed (30 April 2022)



## Journal of Clinical Medicine

an Open Access Journal  
by MDPI

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/61392](https://www.mdpi.com/si/61392)

*Journal of Clinical Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcm@mdpi.com](mailto:jcm@mdpi.com)

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

[jcm](https://www.mdpi.com/journal/)





# Journal of Clinical Medicine

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



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



## About the Journal

### Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

---

### Editors-in-Chief

Prof. Dr. Emmanuel Andr  s

Internal Medicine Department, University Hospital Strasbourg, 67000  
Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).