

Special Issue

Congenital Cytomegalovirus Infection in Pregnancy and the Neonate: Prevention, Diagnosis, and Therapy

Message from the Guest Editor

Congenital cytomegalovirus (CMV) infection is a common prenatal viral infection affecting 0.3–2% of live born infants. Fetal infection may follow either maternal primary infection during pregnancy or maternal secondary infection with the reactivation of a latent virus or reinfection. The diagnosis of primary CMV infection in pregnancy is established after documentation of seroconversion by the new appearance of CMV-specific immunoglobulin G (IgG) and immunoglobulin M (IgM) antibodies in the presence of low avidity. Universal screening for CMV infection is the most reliable method to detect primary infection, however it is considered to be controversial. A new study assessing preventive therapy highlights the issue of effective screening before and during pregnancy. Serial antenatal ultrasound (US) and third trimester-magnetic resonance imaging (MRI) are the two modalities used to identify lesions that carry a poor prognosis. Approaches to minimize vertical transmission of CMV infection and to treat CMV infection are being studied. These include CMV hyperimmune globulin (HIG) and the use of in utero treatment with antiviral therapy.

Guest Editor

Prof. Dr. Boaz Weisz

Department of Obstetrics and Gynecology, Sheba Medical Center, Tel-Hashomer, Israel

Deadline for manuscript submissions

closed (30 November 2021)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/72524

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

mdpi.com/journal/

jcm





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 Emergency and Critical 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).