

Special Issue

Liver Transplantation: Current Hurdles and Future Perspectives

Message from the Guest Editor

Liver transplantation has evolved to produce excellent results over the decades, providing the ideal treatment for end-stage liver diseases and primary liver tumors. Recipient survival exceeds 90% and 75% at 1 and 5 years, respectively. The epidemiology of indications has changed too, increasing rates of metabolic-related cirrhosis, a declining incidence of virus-related chronic liver disease, and more frail, elderly, high-acuity recipients. At the same time, improvements in graft preservation strategies thanks to the widespread use of machine perfusion allowed the use of extended criteria grafts, with a growing role of donation after circulatory death of various types, attenuated ischemia/reperfusion injury, and extended preservation. Still, a number of challenges remain unsolved, and the gap between the growing demand for potential liver transplant candidates and the number of available grafts is far from being filled.

In this Special Issue, we seek to focus on the current hurdles and future perspectives of liver transplantation, embracing all aspects from organ donation and preservation to perioperative care up to life-long recipient management.

Guest Editor

Dr. Gabriele Spoletini

1. General Surgery and Liver Transplantation Unit, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy
2. Medical and Surgical Sciences Department, Policlinico Universitario A. Gemelli-IRCCS, Università Cattolica del Sacro Cuore, 00168 Rome, Italy

Deadline for manuscript submissions

closed (20 August 2025)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/197430

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://jcm.mdpi.com)



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 Andrès

Internal Medicine Department, University Hospital Strasbourg, 67081
Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and Critical Care Medicine, The 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 18.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).