Special Issue

The Role of the Immune System in the Progression of Chronic Liver Disease

Message from the Guest Editor

The incidence of chronic liver diseases (CLDs) is reaching unprecedented rates worldwide, leading to significant morbidity, mortality, and economic burden. Cirrhosis, the final stage of all CLDs, results from prolonged hepatic injury and consequent wound-healing processes, where immune cells and inflammatory mediators play a pivotal role. Recent advancements in cirrhosis prevention and therapy offer promising prospects: however, optimal intervention still depends on major lifestyle changes. Therefore, understanding the molecular immunology mechanisms that drive liver inflammation and fibrosis is crucial for the development of novel and more effective therapies. In this Special Issue of Current Issues in Molecular Biology, we welcome researchers to submit articles that investigate the participation of immune cells in the development and progression of chronic liver diseases of various etiologies, including, but not limited to, virus-induced, autoimmune, and sterile inflammations, and those related to environmental toxins/pollutants. I look forward to receiving your contributions.

Guest Editor

Dr. Ana Maretti-Mira

USC Research Center for Liver Diseases, Division of Gastrointestinal and Liver Diseases, Department of Medicine, Keck School of Medicine, University of Southern California, Los Angeles, CA 90033, USA

Deadline for manuscript submissions

10 September 2025



Current Issues in Molecular Biology

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 3.7 Indexed in PubMed



mdpi.com/si/209650

Current Issues in Molecular Biology Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 cimb@mdpi.com

mdpi.com/journal/cimb





Current Issues in Molecular Biology

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 3.7 Indexed in PubMed

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Madhav Bhatia

Department of Pathology and Biomedical Science, University of Otago, Christchurch, 2 Riccarton Avenue, P.O. Box 4345, Christchurch 8140, New Zealand

Author Benefits

High Visibility:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 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).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names are published annually in the journal.

