

Special Issue

The Microbiome in Liver Disease: Current Issues and Future Perspectives

Message from the Guest Editor

The human commensal microbiome is a complex and dynamic consortium of microorganisms intricately connected to human physiology in health and disease. The liver is a critical immune organ hosting a wealth of immune cells and processing microbial signals originating from the intestine at the crossroads of the portal and systemic circulations. Understanding the interplay between hepatic immunology and the microbiome has shed new light on the pathophysiology of liver diseases with significant epidemiological relevance. There is a wealth of clinical microbiome studies associating liver diseases with commensal microbial alterations. Of immense importance is the step from high-throughput sequencing establishing correlation to mechanistic studies proving causality and paving the way for therapeutic intervention. The present collection aims to identify recent advances in the understanding of microbiome-liver interactions in health and disease and its impact on the diagnosis and treatment of liver diseases, providing an up-to-date perspective.

Guest Editor

Dr. Timur Liwinski

1. Immunology Department, Weizmann Institute of Science, Rehovot 7610001, Israel
2. 1st Department of Medicine, University Medical Center Hamburg-Eppendorf, 20251 Hamburg, Germany

Deadline for manuscript submissions

closed (26 August 2022)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/105070

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

mdpi.com/journal/

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





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, PMC, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)