

Special Issue

Urinary Microbiome and Genitourinary System Disorders

Message from the Guest Editors

The urine microbiome is a newly introduced concept that has attracted the attention of medical researchers. Until recently, the urine of healthy individuals was assumed to be sterile. However, improvements in bacterial detection methods have debunked this assumption. Recent studies have shown that the bladder contains microbiomes that are not detectable under standard conditions. Analysis by 16S rRNA sequencing and expanded quantitative urine culture provided evidence for the presence of live bacteria in urine which were not detectable by standard culture protocols. The development of metagenomic sequencing revealed a unique urinary microbiota that was not detectable by standard culture protocols. A deeper understanding of the urinary microbiome can help us to develop more efficient methods for restoring the microbiota to a healthy composition, and for providing symptom relief. Modification of the urinary microbiome without antibiotics use could be a possible venue for future research.

Guest Editors

Dr. Mohammad Sajjad Rahnama'i

Prof. Dr. John P. F. A. Heesakkers

Prof. Dr. Philip Van Kerrebroeck

Deadline for manuscript submissions

closed (31 October 2023)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/119841

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

mdpi.com/journal/

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





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)