



*life*



an Open Access Journal by MDPI

## 3D Bioprinting in Biomedical Research and Drug Development

Guest Editor:

**Prof. Dr. Adrian Neagu**

Department of Functional  
Sciences, Victor Babes University  
of Medicine and Pharmacy  
Timisoara, Piata Eftimie Murgu  
No. 2-4, 300041 Timisoara,  
Romania

Deadline for manuscript  
submissions:

**closed (18 October 2022)**

### Message from the Guest Editor

Three-dimensional (3D) bioprinting set out with the ambitious goal of building replacement organs in the laboratory. Despite significant progress, however, organ printing remains a long-term goal whose attainment depends on further developments in polymer chemistry and in our understanding of the self-organization of biological cells into tissues and organs.

The current tendency is to build interconnected organ-on-a-chip systems to mimic the physiological interplay of various organs under normal and pathological conditions. Drug testing on chains of organ-on-a-chip devices is anticipated to streamline the assessment of side effects.

This Special Issue welcomes contributions from the 3D bioprinting community. The plan is to attract both fundamental and applicative research papers, as well as review articles, providing a snapshot of the state of the art in 3D bioprinting. The hope is that new ideas will be sparked along the way.



[mdpi.com/si/127468](https://mdpi.com/si/127468)

# Special Issue



*life*



an Open Access Journal by MDPI

## 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

## 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.

## 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](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Biology*) / CiteScore - Q2 (*Paleontology*)

## Contact Us

*Life* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/life](http://mdpi.com/journal/life)  
[life@mdpi.com](mailto:life@mdpi.com)  
[X@Life\\_MDPI](#)