



## Biomaterials for Neural Tissue Engineering

Guest Editor:

**Dr. Marimelia Porcionatto**

Laboratory of Molecular  
Neurobiology, Department of  
Biochemistry, Universidade  
Federal de São Paulo, São Paulo,  
Brazil

Deadline for manuscript  
submissions:

**closed (31 October 2022)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to highlight recent research on biomaterials in neural tissue engineering. The primary aim of this Special Issue is, but not limited to, to explore the use of biomaterials to fabricate neural tissues to be used as:

1. In vitro models to study brain diseases.
2. In vitro models for drug screening or drug repositioning.
3. Bio patches for brain repair.

Aspects of the characteristics of biomaterials, such as their rigidity, permeability, integration into in vivo tissues, and others, will also be relevant to this Special Issue. Research on the effects of biomaterials on cell proliferation, migration, apoptosis, and fate induction is very relevant for the discussion regarding the use of biomaterials for neural tissue engineering.

We kindly invite the submission of original research and reviews for this Special Issue.

We are looking forward to receiving your contribution.

Dr. Marimelia Porcionatto  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Patrick J. Sinko**

Department of Pharmaceutics,  
Ernest Mario School of  
Pharmacy, Rutgers University,  
Piscataway, NJ 08854, USA

## Message from the Editor-in-Chief

*Pharmaceutics* (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

## 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, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

## Contact Us

---

*Pharmaceutics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/pharmaceutics](http://mdpi.com/journal/pharmaceutics)  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)  
X@MDPIpharma