

Special Issue

Biomaterials for Neural Tissue Engineering

Message from the Guest Editor

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:

- In vitro models to study brain diseases.
- In vitro models for drug screening or drug repositioning.
- 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.

Guest Editor

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Deadline for manuscript submissions

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