



Special Issue on

Biological, Biomechanical and Biomedical Materials

Call for Papers

Biomedical materials are biomaterials that are manufactured or processed to be suitable for use as medical devices (or components thereof) and that are usually intended to be in long-term contact with biological materials. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Biological, Biomechanical and Biomedical Materials**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Biological, Biomechanical and Biomedical Materials**. In this special issue, potential topics include, but are not limited to:

- Biomimetic materials
- Biomimetic & Bioinspired Materials
- Mechanobiology & Cellular Biomechanics
- Tissue Biomechanics & Soft Tissue Mechanics
- Computational Biomechanics & Multiscale Modeling
- Polymeric Biomaterials
- Biomedical Devices & Medical Device Design
- Structural biological materials
- Biological materials safety
- Soft and biological materials and interfaces
- Transporting biological materials
- Applications of biological materials

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue – Biological, Biomechanical and Biomedical Materials**” should be selected during your submission.

Special Issue timetable:

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Publication Date	October 2026



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