



Mechanics of Biological Tissues and Biomaterials

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Message from the Guest Editors

This Special Issue on “Mechanics of Biological Tissues and Biomaterials” aims at collecting high-quality contributions that focus on the investigation of the mechanical behavior of biological tissues and biomaterials for medical applications. Topics include but are not limited to:

- Mechanical properties of biological tissues and biomaterials;
- Biomechanics;
- Tissue engineering;
- Mechanics of smart biomaterials;
- Mechanics at molecular and cellular levels;
- Effect of damage, trauma, and aging on biological tissue mechanics;
- Methodologies for experimental testing of tissues and biomaterials mechanics;
- Constitutive and computational modeling;
- Biorobotics;
- Advanced therapeutic and diagnostic procedures.

Deadline for manuscript submissions:

closed (31 December 2023)



mdpi.com/si/95858

Special Issue



an Open Access Journal by MDPI

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Message from the Editor-in-Chief

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