

Special Issue

New Trends in Articular Cartilage Repair

Message from the Guest Editor

Articular cartilage in the knee, shoulder, hip, elbow, and temporomandibular joints has important roles in decreasing the friction between the joining bones and distributing mechanical load. Effective and innovative therapies are required to enhance cartilage repair. Some examples of our Special Issue, New Trends in Articular Cartilage Repair, include, but are not limited to, the following:

- New surgical (invasive or minimally invasive) interventions to repair articular cartilage;
- Novel tissue regeneration using cells, materials (biomaterials and synthetic materials), and/or drugs;
- Characterization of stem/progenitor cells in the articular cartilage and cell homing strategies;
- Exosome, gene, or microRNA therapy;
- Single-/multi-omics analysis related to cartilage repair;
- New diagnostic techniques, such as biomarkers or imaging.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2022)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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