Special Issue

Extracellular Matrix in Musculoskeletal Regeneration

Message from the Guest Editors

This Special Issue on “Extracellular Matrix in Musculoskeletal Regeneration” is open for original papers and reviews investigating extracellular matrix biology in normal, diseased, or injured bone, cartilage, or skeletal muscle. Topics and themes for this collection will include but are not limited to the following:

- Tissue-specific extracellular matrix scaffolds used to regenerate bone, cartilage, or skeletal muscle;
- Extracellular matrix-mediated stem cell differentiation in musculoskeletal tissue;
- Biophysical properties of extracellular matrix and its effect on musculoskeletal stem cells;
- Extracellular vesicles derived from bone, cartilage, or muscle to drive stem cell fate;
- Synthetic and natural derived biomimetic extracellular matrix scaffolds used in bone, cartilage, or skeletal muscle regeneration;
- Influence of bone, cartilage, or skeletal muscle crosstalk signaling on extracellular matrix and regeneration;
- Microfluidic devices used to identify extracellular matrix-related changes due to tissue crosstalk.

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Deadline for manuscript submissions

closed (31 March 2022)

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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