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Extracellular Matrix in Musculoskeletal Regeneration

Guest Editors:

Dr. Michael J. McClure

Department of Biomedical Engineering, Virginia Commonwealth University, Richmond, VA 843068, USA

Dr. Joshua Cohen

Department of Biomedical Engineering, Virginia Commonwealth University, Richmond, VA 23284, USA

Deadline for manuscript submissions:

closed (31 March 2022)

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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Special Issue



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Editor-in-Chief

Prof. Dr. Anthony Guiseppe-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

Message from the Editor-in-Chief

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Bioengineering Editorial Office
MDPI, Grosspeteranlage 5
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