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## Novel Biomimetic Materials for Musculoskeletal Tissue Engineering

Guest Editor:

**Prof. Michael Hadjiargyrou**

Department of Life Sciences, New York Institute of Technology, New York, NY, USA

Deadline for manuscript submissions:

**closed (31 December 2019)**

### Message from the Guest Editor

Dear Colleagues:

The regeneration of musculoskeletal tissues are at the forefront of orthopaedic tissue engineering research. Finding ways to stimulate the regeneration of the aforementioned tissues in vivo, using innovative tissue engineering approaches and materials, is of utmost importance if we are to improve the lives of patients. Presently, the approach includes a biofunctionalized scaffold capable of providing the appropriate material/biomechanical properties while at the same time be biocompatible, porous, non-toxic and capable of stimulating cells to begin the tissue regeneration process. To this end, this special issue explores the latest research designed for constructing and testing unique biomimetic materials in order to stimulate regeneration of the various tissues of the musculoskeletal system. As the field is moving very rapidly, especially in the last decade or so, it is imperative that we monitor its progress by providing a forum for publishing the latest research. As such, I encourage you to submit your latest results in this research area for this Special Issue on “Novel Biomimetic Materials for Musculoskeletal Tissue Engineering”.



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# Special Issue



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## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

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Materials Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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