



## Advances in Skeletal Muscle Tissue Engineering

Guest Editor:

### Dr. Warren L. Grayson

Grayson Lab for Craniofacial and Orthopaedic Tissue Engineering, Department of Biomedical Engineering, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA

Deadline for manuscript submissions:  
**closed (30 June 2020)**

### Message from the Guest Editor

This Special Issue on the “*Advances in Skeletal Muscle Tissue Engineering*” will therefore focus on original research papers and comprehensive reviews, dealing with cutting-edge experimental and computational methodologies for engineering skeletal muscle tissues. Topics of interest for this Special Issue include, but are not limited to, the following:

1. Engineered human skeletal muscle grafts as experimental models for testing pharmacologic agents and gene delivery.
2. Interactions between myogenic and non-myogenic cells towards promoting functional myogenic regeneration.
3. The neuromuscular junction: regenerating innervated skeletal muscle.
4. Advanced computational methods to predict treatment outcomes following *in vivo* implantation of engineering grafts.
5. Exosomes and extracellular vesicles in promoting myogenesis.
6. Elucidating the molecular basis of biophysical cues during regenerative rehabilitation.
7. Advanced image-based techniques to probe the fate of transplanted cells.





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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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