

Special Issue

Mechanotransduction and Tissue Regeneration in Skeletal Muscle

Message from the Guest Editor

This Special Issue shall focus on a fundamental question in skeletal muscle physiology: how are mechanical activities translated into biochemical pathways that maintain muscle tissue maintenance, repair, and function? The key components of this complex system are muscle spindles that are encapsulated sensory stretch detectors embedded in nearly every skeletal muscle. Although not specifically characterized, macrophages that reside in muscle spindles may play important roles in muscle tissue maintenance and repair. Thus, this Special Issue is committed to sharing new insights (review articles) and experimental outcomes (research articles) at the interface between mechanosensory responses and tissue maintenance in skeletal muscle.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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