

Special Issue

Structural, Chemical and Energetic Signals in Striated Muscle Function

Message from the Guest Editors

Molecular signals in striated muscle underlie a wide range of physiological processes such as development and normal function of cardiac and skeletal muscles, and may participate in or even cause progressive changes in pathophysiology. We are interested in submissions that focus on specific aspects of signaling pathways in muscle (vertebrate and invertebrate), or integrate these signaling pathways to modulate muscle structure and function in the short-term, or in the long-term through alteration of gene expression in the myocyte nucleus. Keywords

- striated muscle
- sarcomere
- thick filament
- thin filament
- myosin
- actin
- troponin
- tropomyosin
- calcium
- ATP
- ADP
- cellular signaling
- endocrine

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Deadline for manuscript submissions

closed (31 May 2023)



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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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