



Advances in Skeletal Muscle

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

We invite you to contribute to a Special Issue of the journal *Applied Sciences*, “Advances in Skeletal Muscle”, which aims to present recent advancements of epigenome analysis in the field of skeletal muscle.

Skeletal muscle is essential for the movement of organisms. Today, interest in muscle research is increasing with the growth of the elderly population, and it is important to study muscles from various points of view, such as development, metabolism, physiology, and pathology. The epigenome provides a basis of transcription via chemical modification of DNA and histones and acts as a cellular memory, regulating a wide range of organism activity. Several applications have already been developed for epigenetic analysis, such as ChIP-seq, ATAC-seq, mass-spectrometry, and epigenome editing. These tools are also applicable to skeletal muscles with appropriate adaptation to skeletal muscle traits.

We thus invite you to submit your research on these topics, in the form of original research papers, mini-reviews, and perspective articles.

Dr. Iori Sakakibara
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Guest Editors





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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