

## Special Issue

# New Insights into the Epigenome and microRNAs in Musculoskeletal (Patho)physiology

### Message from the Guest Editor

Dear Colleague, This Special Issue invites both basic and clinical researchers to submit original research articles, reviews, and hypothesis-driven papers aiming to address significant topics, with regard to the epigenome and microRNA roles in the musculoskeletal system, such as, but not limited to:

- New insights in studying the epigenetic control of musculoskeletal tissues in health and disease, with a special interest in the role of existing and novel microRNAs;
- Utilization of established as well as development of new animal models and in vitro cellular systems to elucidate how epigenetic mechanisms and microRNA expression can influence the (patho)physiology of the musculoskeletal system;
- Clinical findings and new advances in the use of epigenetic modifications and microRNA abundance as potential biomarkers in musculoskeletal disorders.

### Keywords

- epigenetics
- microRNAs
- skeletal disorders
- joint diseases
- muscular atrophy
- sarcopenia

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2022)



## International Journal of Molecular Sciences

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## About the Journal

### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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