

Special Issue

Musculoskeletal Metabolism and Inflammation

Message from the Guest Editor

Skeletal muscles represent about 40% of our body mass and are indispensable, being involved not only in mobility, but also in major functions, through the release of myokines. Skeletal muscle dysfunctions are frequent and characterize many acute and chronic conditions, determining both the quality of life and prognosis of patients. In addition to its obvious role in generating mechanical force to support body posture and daily movement, skeletal muscle has been shown to be important for regulating whole-body metabolism. This particular call welcomes both original research articles and comprehensive reviews related to the role of metabolism and inflammation (and their related molecular mechanisms) in mediating age- and/or obesity-related musculoskeletal disorders. Of particular interest studies on disorders of skeletal muscle including sarcopenia, disorders of bone such as osteoporosis and scoliosis and disorders of the synovial joint such as osteoarthritis, which reveal new mechanistic understanding and/or identify new pharmacological treatments.

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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