

Special Issue

Biological Basis of Musculoskeletal Regeneration

Message from the Guest Editors

Disabilities due to musculoskeletal disorders increased dramatically within the last few decades, and will further increase in the future. Due to the aging population and increasing recreational activities, especially for the elderly, musculoskeletal disorders are becoming one of the main reasons for seeking medical care. Hence, they represent a major personal and socioeconomic burden. Identifying the mechanisms responsible for promoting or hindering tissue regeneration is important for the development of new treatments strategies. This Special Issue will cover all aspects of molecular and cellular mechanisms of bone, cartilage, tendon/ligament, and muscle regeneration. We are inviting contributions describing novel findings based on in vitro and in vivo studies, and also welcome clinical studies employing molecular methods to address aspects of musculoskeletal regeneration. In addition, studies elucidating the interaction of musculoskeletal tissue with other tissues or cells during regeneration are of high interest for this Special Issue. Prof. Dr. Britt Wildemann

Guest Editors

Prof. Dr. Britt Wildemann

Julius Wolff Institute, Berlin Brandenburg Center for Regenerative Therapies, Charité—Universitätsmedizin Berlin, Corporate Member of Freie Universität Berlin, Humboldt-Universität zu Berlin, and Berlin Institute of Health, 13353 Berlin, Germany

Dr. Franka Klatte-Schulz

Julius Wolff Institute, Berlin Brandenburg Center for Regenerative Therapies, Charité—Universitätsmedizin Berlin, Corporate Member of Freie Universität Berlin, Humboldt-Universität zu Berlin, and Berlin Institute of Health, 13353 Berlin, Germany

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4052 Basel, Switzerland
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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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