

## Special Issue

# Recent Advances in Shockwave Therapy for Musculoskeletal and Soft-Tissue Disorders

### Message from the Guest Editors

This Special Issue, which is titled “Recent Advances in Shockwave Therapy for Musculoskeletal and Soft-Tissue Disorders”, presents a comprehensive overview of research highlighting the latest breakthroughs in the application of shockwave therapy for the treatment of a variety of physical problems and pathological conditions involving the musculoskeletal system. Although increasing evidence indicates that the application of ESWT to the locomotor system may lead to various benefits beyond a mere mechanical disintegrative effect, the precise cellular and molecular mechanisms of shock waves are still largely unknown. At the same time, different forms of ESWT (i.e., radial and focal ESWT) and treatment protocols may have substantial influences on achieving therapeutic effects and thus good clinical outcomes. This Special Issue brings together review and original articles that delve into various aspects of ESWT to provide current evidence on novel treatment indications for shockwave therapy, the advantages/disadvantages of ESWT protocols, and controversies regarding ESWT, clinical indications, biological principles, and mechanisms of action.

### Guest Editors

Prof. Dr. Marco Gesi

Prof. Dr. Mario Vetrano

Prof. Dr. Maria Chiara Vulpiani

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### Deadline for manuscript submissions

closed (30 June 2025)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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