

## Special Issue

# Extracellular Matrix in Health and Disorders (2nd Edition)

### Message from the Guest Editor

The extracellular matrix (ECM) is a complex structure composed of proteins, glycoproteins, and proteoglycans in different percentages. Changes in protein composition and structure, as well as the structural modification of the ECM itself, lead to tissue dysfunctionality and diseases. Research aimed at clarifying the ECM's role and qualities is essential for identifying specific targets, designing efficient drugs, and setting clinical strategies able to counter the features of pathological tissues. This Special Issue aims to collect novel insights into the ECM's involvement in the normal and altered physiological processes of the skin/dermis, bone, tendon, and other connective tissues. We are interested in submissions of original research and reviews focusing on the *in vivo* and *ex vivo* characterization of the ECM in healthy and pathological tissues, with particular attention paid to structural analyses and advances in imaging, as well as *in vitro* studies and models, able to increase our knowledge concerning the ECM.

### Guest Editor

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### Deadline for manuscript submissions

15 December 2025



## Biomedicines

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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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