

Special Issue

The Burden of Ectopic Calcification: An Integrated Understanding of Genetic, Molecular and Pathophysiological Aspects

Message from the Guest Editors

The mineralization of biological tissues is a complex process that occurs in a large number of living species. In vertebrates, physiological calcification is limited to bone structure, although it can develop—negatively—in soft connective tissues. In humans, ectopic connective tissue calcification is considered a health burden linked to higher morbimortality, especially in the cardiovascular system but also in the kidney and skin. In this issue, we aim to provide up-to-date data on ectopic calcification, ranging from physiological to pathological conditions and including the discovery of potential new targets and the subsequent development of new therapies. This issue is open to a wide variety of publications ranging from basic and translational sciences to clinical sciences covering genetic, molecular, and pathophysiological aspects.

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Deadline for manuscript submissions

closed (31 December 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/162387

*International Journal of
Molecular Sciences*
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