

Special Issue

Molecular Associations Between Adipose Tissue and Diseases

Message from the Guest Editors

The term adipose tissue is now considered reductive. Instead, we now speak of the adipose organ; this is because it is subject to pathological conditions that limit its functioning and consequently influence the entire organism. We are increasingly seeing how there is a dense network between the adipose organ and all the other organs, the skeletal and cardiac muscles in particular, but also the central nervous system. For this reason, it is essential to understand how this complex interconnection is operated and how it can be influenced by nutrition, food supplements, lifestyle, and drugs. Finally, it would be worth considering the epigenetic features that the adipose organ could have, for example, through miRNA, and the role it plays in the regulation of physiology and pathophysiology.

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Deadline for manuscript submissions

20 July 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/233665

*International Journal of
Molecular Sciences*
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