

## Special Issue

# Biomarkers in Metabolic Disorders, Obesity and Type 2 Diabetes Mellitus

### Message from the Guest Editors

Metabolic disorders, obesity, and type 2 diabetes mellitus have become global health problems in recent decades. The prevalence of obesity increases every year, and it is associated with a higher risk of developing co-morbidities, including cardiovascular disease, metabolic dysfunction, and type 2 diabetes mellitus, therefore becoming equivalent to metabolic syndrome. Adipose tissue cells release various mediators such as adipokines, cytokines, and chemokines, leading to chronic inflammatory process. Hyperglycemia, insulin tissue resistance, or abnormal lipid profiles are only some examples of metabolic changes in patients with obesity. This Special Issue will include original research and in-depth reviews with the most recent insights into topics related to the molecular and biochemical mechanisms of metabolic changes in obesity; changes in laboratory parameters in patients with obesity and other metabolic disorders; and new preventive/therapeutic strategies for treating obesity and its co-morbidities.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 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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