

Special Issue

Leptin and Beyond: Actors in Cancer

Message from the Guest Editors

We are celebrating the 25th anniversary of the discovery of the adipocyte-derived factor leptin, a multifunctional polypeptidic molecule encoded by the *ob* gene. First known as an essential regulator of appetite and energy balance homeostasis, this adipokine has been recognized to play a role in a wide range of additional biological peripheral activities, including carcinogenesis. During the last few decades, there has been an explosion of research highlighting how the leptin/leptin receptor axis may affect many aspects of cancer biology, from initiation and primary tumor growth to metastatic progression. A plethora of studies have also led to the identification of leptin interaction with multiple oncogenic pathways, including growth factor, estrogen, Notch, and inflammatory cytokine signaling. In this Special Issue, we welcome original research articles, as well as review articles, related to the role of leptin and its associated networks in cancer to provide readers with novel insights on the compelling mechanistic and clinical perspectives in this attractive area.

Guest Editors

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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