

Special Issue

The Crosstalk between Adipose Tissue and Cancer

Message from the Guest Editors

Cancer is a heterogeneous disease that promotes cell growth, disables cell death mechanisms, and evades immune surveillance and therapy. Obesity is linked to the increased risk and aggressiveness of cancer. Metabolic and inflammatory changes in adipose tissue contribute to chronic inflammation and are associated with cancer. However, the mechanisms underlying the adipose tissue–cancer relationship, such as the process of evolution of the adipose tissue microenvironment during obesity and the influence of these changes on tumour initiation and progression, are poorly understood. In this Special Issue of *IJMS*, our objective is to explore the current, state-of-the-art knowledge surrounding the mechanisms that underpin the cross talk between adipose tissue and tumour cells, which promote tumour growth and increase cellular lipid metabolism, metastasis, and chemoresistance. Researchers are welcomed and invited to submit original research papers and reviews. **Keywords:** obesity; inflammation; tumour microenvironment; adipose tissue; metastasis

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Deadline for manuscript submissions

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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