

## Special Issue

# Optimisation of Therapeutic Targets in Obesity, Inflammation, and Cancers

### Message from the Guest Editor

Inflammation is not only the key defence mechanism for the elimination of harmful microorganisms and particles, but also a regulatory process for maintaining internal homeostasis, initiation of differentiation and healing, and anticancer surveillance. Dysbalanced immune responses are linked to obesity and cancer progression. Obesity and other metabolic abnormalities are characterised by a low level of persistent inflammation which can facilitate cancer initiation and support tumorigenesis. Elevated levels of pro-inflammatory markers in elderly patients have also been detected and defined as “inflammageing”, which is associated with increased morbidity and mortality. Therefore, priming of patients’ immune responses against cancer pathogenesis is a promising strategy in ageing and/or obese populations. Furthermore, the convergence of intracellular mechanisms of cancer progression, inflammation, and metabolic transformation has been detected, suggesting that novel anticancer strategies should target key effectors responsible for regulation of both metabolism and immune system responses.

### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2022)



## Cancers

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### Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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### Editor-in-Chief

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