

Special Issue

Immunological Responses to Cancer Therapy

Message from the Guest Editor

Immunotherapy for cancer treatment has been the focus of many studies over the last two decades. Immunotherapy is remarkably effective, but unfortunately, only in a minority of patients, and immunological side-effects are a major concern. Combining strategies of standard ablative treatment with immunotherapeutics could be a way forward. For instance, combining ablative radiotherapy with immune-activating checkpoint blocker therapy could enhance clinical outcome. But also improving the design of treatment strategies, in terms of timing or administration route can lead to increase of efficacy. Furthermore, the design of novel personalized vaccine strategies against neoantigens, is a promising development, which could easily be combined with other treatment modalities. The focus of this Special Issue is to consider mechanistic understanding of immunological processes of different forms of cancer therapy, either immunotherapy or standard ablative therapy, as monotherapy or in combination with each other. This knowledge will aid clinicians to make informed choices about treatment combinations or design strategies.

Guest Editor

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Message from the Editor-in-Chief

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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