

## Special Issue

# State-of-the-Art Cancer Immunotherapies

### Message from the Guest Editors

The current global success in the protection against COVID-19 through vaccination has proved the effectiveness and safety of the mRNA vaccine delivered by lipid nanoparticles. Such breakthroughs, including: cancer vaccination; adoptive cell transfer therapy using CAR-T cells, TCR-T cells, and iPS cell-derived cells; immune checkpoint inhibitors; antibody therapy; dendritic cell therapy; and molecular targeting therapy, have greatly improved cancer patients' outcome. However, the overall survival rate is still unsatisfactory; therefore, it is necessary to much better understand the molecular mechanisms of cancer development and progression in the immunosuppressive tumor microenvironment. In this Special Issue, we will focus on the latest advances in research on cancer immunotherapy ranging from basic research to clinical aspects that may advance our understanding of human cancer. Since *IJMS* is a journal of molecular science, pure clinical studies such as case reports will not be suitable for submission, but clinical submissions such as biomolecular experiments are welcome.

### Guest Editors

Prof. Dr. Takayuki Yoshimoto

Dr. Takuma Kato

Dr. Hisashi Nagase

### Deadline for manuscript submissions

closed (31 December 2023)



## International Journal of Molecular Sciences

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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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### Editor-in-Chief

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