

## Special Issue

# Advances in Anticancer Drug Research

### Message from the Guest Editors

Recent breakthroughs in the understanding of the mechanisms that regulate the development and spread of tumors and the immune response to them have led to new approaches in the treatment of cancer. The options available to patients now include immunotherapy and targeted therapy, alongside classical endocrine, radiation, and chemotherapies. A better understanding of the mechanism of action of these pharmaceuticals and their structure–activity relationships is essential in order to improve treatments and their applicability to a large variety of tumors. This Special Issue of *Applied Sciences*, entitled “Advances in Anticancer Drug Research”, aims to gather new insights on the topic of oncology drug discovery. We encourage the submission of contributions covering the design and synthesis of anti-cancer pharmaceuticals, as well as in vivo/in vitro/in silico studies for the evaluation of delivery and activity. Original research papers and review articles are welcomed. **Keywords:**

- anticancer drugs
- chemotherapy
- drug discovery
- immunotherapy

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 February 2024)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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