

## Special Issue

# Small Molecules as Targeted Anticancer Agents

### Message from the Guest Editors

Small molecules have attracted significant attention for their success in tumor-targeting drugs in clinics. Recent efforts have facilitated the development of novel small molecules acting as potential anti-cancer drugs, and amazing progress has been made. This Special Issue welcomes all research on small molecules as promising anti-tumor agents, including works that are concerned with the design, synthesis, and characterization of small molecules, such as organic and inorganic compounds and metallic complexes; in vitro and in vivo anticancer activity against varied tumor cells; the inhibitory effect on the migration and metastasis of various tumor cells, toxicity, and multidrug resistance; and the underlying mechanisms of DNA damage/repair, apoptosis, autophagy, and ferroptosis; the mechanisms of signaling pathway regulation; the interactions of small molecules with biology macro-molecules; goal verification; and so on.

### Guest Editors

Prof. Dr. Wenjie Mei

Dr. Qiong Wu

Dr. Jin-lan Meng

Dr. Chengxi Wang

### Deadline for manuscript submissions

closed (31 July 2024)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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