# Special Issue

# Protein Kinase Inhibitors: Synthesis and Applications

## Message from the Guest Editors

The abnormality of protein kinase activity is involved in the pathogenesis of all kinds of diseases including cancer, inflammatory, cardiovascular, nervous and degenerative diseases, and have become one of the most important drug targets in the 21st century. Especially receptor tyrosine kinase signaling pathways have been essential targets in cancer therapy. Up to now, 89 protein kinase inhibitors have been approved and several hundreds have been used in the clinics. However, protein kinases remain to be discovered as targets for new biological processes and disease areas leading to the development and application of novel protein kinase inhibitors.

This Special Issue provides a broad survey to release your most recent work on synthesis and applications, new strategies and technologies on the generation or evaluation of protein kinase inhibitors in different disease areas. Original research articles or reviews aiming at the development and applications of protein kinase inhibitors in different fields are welcome.


**Guest Editors**

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**Deadline for manuscript submissions**

closed (31 October 2023)


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## 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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