



Facing Novel Challenges in Drug Discovery

Guest Editors:

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is related to the “2nd Molecules Medicinal Chemistry Symposium (MMCS2019)”, which will be held 15–17 May, 2019, at the AXA Auditorium in Barcelona, Spain. The symposium will discuss current challenges in the drug discovery field, while reporting novel and revisited drug discovery approaches for particularly challenging diseases (cancer in this edition) and medicinal chemistry stories about recently implemented projects in target and hit identification, hit-to-lead optimization, tuning of physicochemical and pharmacokinetic properties, preclinical and clinical development, etc.

The symposium participants, as well as all researchers working in the field, are cordially invited to contribute papers to this Special Issue of Molecules, reporting on recent innovative medicinal chemistry projects, particularly (but not only) on the design and development of novel anticancer drugs, protein degradation inducers, target-guided synthesis of bioactive compounds, and new targets and drug candidates.

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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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