

Special Issue

Cross-Coupling and Related Reactions: Past and New Reactions for the Future

Message from the Guest Editors

The C-C bond is a ubiquitous structural fragment that is present in every organic molecule. Thus, the easy and straightforward construction of a C-C bond can be considered as one of the most important goals in contemporary organic chemistry. This Special Issue of *Molecules* is dedicated to summarizing the recent achievements in modern methodologies that enable C-C bond formation scenarios following a cross-coupling situation. The different reaction modes are considered, including transition metal-supported couplings, photoredox reactions, and unconventional reaction modes. Special attention will be paid to original contributions and feature articles describing new or improved cross-coupling protocols.

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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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