Special Issue

Targeted Functional Probe: Current Research Trends and Applications

Message from the Guest Editors

Targeted functional probes have been deemed as essential for accurate diagnostic imaging. These probes can be conjugated with different types of ligands, for example organic molecules, peptides, and proteins, to target specific biological sites. During the last few decades, many targeted probes based on small molecules, polymers, and nanomaterials have been synthesized to detect different types of analytes with outstanding performance. The purpose of this Special Issue is to collect the latest advances in the design and development of targeted functional probes. We welcome all original research works, including mini-review and review articles on new targeting strategies or sensing mechanisms, the design of multi-functional targeted probes, and the widespread application of targeted functional probes.

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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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