Special Issue

Luminescent Techniques – Effective Tools in the Search for Novel, Biologically Active Agents

Message from the Guest Editors

Over the past few decades, fluorescent/luminescent techniques have made their way to the top, leaving classical radioligand assays far behind in terms of safety, efficacy, reliability, and accessibility. But what tips the balance is their versatility in being used on both sides of the membrane. It might be either a fluorescent probe used in BRET-based binding studies or a technique that allows for real-time monitoring of specific pathways in response to a ligand. All of them meet the need of current drug development for selective, biased ligands with reduced adverse effects. In this Special Issue, we invite researchers to literally shed some light on the vast, yet still increasing field of fluorescent/luminescent techniques. Regardless of what side of the membrane you are studying, share your original research with us.

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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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