



Lumino and Fluorophores—Illuminating Science and Technology

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Deadline for manuscript
submissions:

closed (31 May 2019)

Message from the Guest Editors

Dear Colleagues,

Ever since the invention of lenses, man has, not only looked into the skies, but also into the realm of the invisible microscopic world of tissues, cells, and micro-organisms. The use of fluorescent labels and the development of various forms of optical microscopy, in particular confocal laser scanning microscopy (CLSM), have significantly advanced our knowledge about the basic mechanisms underpinning biology and the pathophysiological processes that lead to disease. Furthermore, fluorescence-based assays have largely replaced radioactive assays in the lab. In addition, luminescent compounds and particles have enriched various technologies, including display technology, optoelectronics, solar devices, and optical storage.

It is intended that this Special Issue will consider fundamental physicochemical properties, synthesis and modification, biomedical, imaging and assay applications of luminescent compounds and fluorophores, from organic dyes to fluorescent nanoparticles and fluorescent proteins.

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Guest Editors





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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

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