



Luminescent Small Molecules for Biochemistry

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Message from the Guest Editors

Bio-sensing is critical to medical diagnostics and drug design. The current state of the art techniques in microscopy improve the sensitivity and precision in the detection of analytes, and also help to probe the sub-cellular environment. Luminescent small molecules and nanoparticles (NPs) play a vital role in these developments. The uses of such molecules range from nanomachines for cancer treatment to detection of cellular distress, for example hypoxia.

This Special Issue of *Colorants* will highlight the range of different applications of luminescent small molecules and NPs for bio-chemical and bio-medical applications. We hope to demonstrate the breadth of potential applications of these systems and the cutting-edge science in this field, including the design, synthesis, photophysical analysis, and bio-imaging.

