



Supramolecular Chemical Sensors

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Message from the Guest Editor

The development of well-organized structures through non-covalent bonding, with possible applications in sensing, is of both scientific and technological interest. The applications of self-assembled sensor molecules with the capability of fluorescence, in combination with other analytical techniques for mapping total metal content, offer researchers the opportunity to address fundamental questions about the sensing of ions, explosives, and biological molecules, for example, glucose or RNA detection. Supramolecular Chemical Sensors permit to sense individual molecules, multicellular organisms, and cells encapsulated in 3D matrices. The rapid progress in sensor science in recent years has resulted in the development of self-assembled fluorescence probes with enhanced analytical capabilities. Because of the vast evolution in this research field, therefore, we have decided that it is timely to compose a Special Issue of *Chemosensors* focusing on the important role sensors play in “Supramolecular Chemical Sensors”. You are invited to submit manuscripts illustrating the suitability of newly-developed sensors for fluorescent analysis applications, as well as manuscripts describing novel applications of established sensors in solving real-life analytical problems.





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