Special Issue

Supramolecular Chemical Sensors

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.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2018)

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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