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Intracellular Sensing

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Deadline for manuscript
submissions:

closed (31 March 2015)

Message from the Guest Editor

Dear Colleagues,

Intracellular sensing (e.g., the sensing of reactive oxygen species, metal ions, pH, etc.) is important for understanding cell functioning. In the last few years, advances in nanotechnology, and in the synthesis of nanomaterials, have played a dominant role in the development of intracellular sensing. This special issue welcomes papers that deal with all sensing techniques, such as fluorescent nanoparticles (NPs), semiconductor NPs, metal NPs, and polymer NPs, as well as all types of nanowire and nanotube based-sensors, MEMS probes, etc. Besides manuscripts dealing with the sensors themselves, and what they can sense, manuscripts on sensor biocompatibility and cytotoxicity are also welcome.

Prof. Dr. Magnus Willander

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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