

Genetically Encoded, Small-Molecule Biosensors and Their Applications

Guest Editor:

Dr. Patrick C. Cirino

Department of Chemical and
Biomolecular Engineering,
University of Houston, Houston,
TX 77204-4004, USA

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Message from the Guest Editor

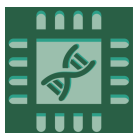
Dear Colleagues,

Genetically encoded biosensors are proteins or nucleic acids that, when actuated by specific signals, elicit readily detectable cellular change(s) or trigger other, targeted genetic and metabolic responses to those signals. This Special Issue will feature new research into the design or repurposing of endogenously expressed biosensors that target specific small molecules, along with their applications. Example applications include coupling biosensing to outputs amenable to high-throughput screening of single cells, and use as novel dynamic regulators of uni- or multi-cellular processes.

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Guest Editor





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Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry “Ugo Schiff”, University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Message from the Editor-in-Chief

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Biosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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