



sensors



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Live Cell-Based Sensors with Receptors

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Message from the Guest Editor

Dear Colleagues,

A biosensor is an analytical device which combines a biological component with a physiochemical detection system to detect, transmit and record the desired information. A live cell-based sensor, as one of the important biosensor members, is well accepted and used for investigating various signaling cascades caused by cytotoxic effects of reagents. A basic assembly of a live cell-based sensor consists of a receptor and a transducer. When the stimuli get in touch with the cell, they pass through the cell plasma membrane with the help of receptors. The receptors are a very important part of live cell-based sensors. The Special Issue of the journal *Sensors* will cover these different types of live cell-based sensors with receptors, and consider applications for these different fields.

Prof. Dr. Akiyoshi Taniguchi
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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