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Quantitative Sensing in the Microspace

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Deadline for manuscript submissions:
closed (25 April 2022)

Message from the Guest Editors

Dear Colleagues,

Advances in microfluidics are revolutionizing life sciences and (bio)chemistry. Microfluidics enable environmental control in miniaturized reaction spaces and can be used for massively parallelized or accelerated analyses. Nonetheless, the application of microfluidics is often limited by analytical capabilities for detecting and quantifying analytes with the necessary sensitivity, specificity, and selectivity. Novel and innovative in situ approaches for the multimodal sensing of biological and chemical processes in the microspace are now emerging to keep pace with the rapid developments in microfluidics.

The Special Issue aims to collect recent findings and advances in the quantitative sensing of analytes in microfluidic reaction environments. Researchers are invited to contribute research and review articles, as well as short communications, encompassing the broad range of disciplines from life sciences to chemistry.

For more information, please check out here.

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Special Issue

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Message from the Editor-in-Chief

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