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# Biosensors for the Detection of Biomarkers

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## Message from the Guest Editor

A biomarker is a measureable indicator reflecting the presence of a disease or physiological state of an organism. Specifically, a biomarker provides an indication of normal and disease processes in the body, the progression of a disease, assessment of therapeutic effectiveness and early-stage screening, diagnosis, and clinical end-point evaluation. A biomarker is also important in personalized medicine, tailored to a specific patient for highly efficient treatment of disease processes.

The bio-recognition mechanism of a biosensor can be specifically tailored, providing selectivity and sensitivity in the detection of a biomarker. The test medium can be a physiological fluid, including cerebrospinal fluid (CSF), blood, urine, saliva, and even breath. The transduction mechanism of these biosensors for biomarker detection can be optical, electrochemical, surface plasmon resonance (SPR), etc. In this Special Issue, we seek unique research and development efforts, identifying biosensors for the detection of various biomarkers, and expending the scientific frontier of this very important and significant bio-medical endeavor.

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## Message from the Editor-in-Chief

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