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Advanced Sensing Technology in Blood Glucose Monitoring

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Deadline for manuscript submissions:

closed (30 August 2023)

Message from the Guest Editor

Dear Colleagues,

Diabetes continues to be an increasing health burden and it will increase significantly in the following decades, particularly in low- and middle-income countries. Recent study indicated that undiagnosed diabetes is particularly sensitive to the performance of glycemic control and blood glucose diagnosis accuracy. Therefore, there is a critical need for more effort to achieve efficient diagnostics for blood glucose monitoring. This special issue aims to bring together the latest advances in research and development of measurement methods and sensors in blood glucose monitoring. This Special Issue will cover, but is not limited to, the following areas: Optical glucose sensors; Electro-Chemical glucose sensors; Fiber glucose sensors; Wearable glucose sensors; Invasive/non-invasive glucose monitoring; Continuous glucose monitoring; Point-of-care glucose monitoring; Lab-on-chip glucose sensor; Nanostructure glucose sensor;

- invasive glucose monitoring
- non-invasive glucose monitoring
- optical glucose sensors
- electro chemical glucose sensors
- nanostructure glucose sensor



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Special Issue



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Message from the Editor-in-Chief

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