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Next-Generation Sensing Probes and Devices for Biomarker Detection

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Message from the Guest Editor

The American Thoracic Society and European Respiratory Society recently came up with guidelines correlating the concentration of fractional nitric oxide (f_eNO) exhaled with the presence of airway diseases. Since then, the path has opened for using distinct gaseous biomarkers in the breath and skin of humans and animals for non-invasive and non-intrusive medical diagnostics. This Special Issue aims to capture recent progress in the field of gas sensing with respect to nitric oxide, acetone, isoprene, alcohols, alkanes, alkenes, sulfides, and any other compound that may signal the onset of disease or metabolic malfunction.



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Special Issue



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Message from the Editor-in-Chief

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