

New trends on biosensors for health

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After the Covid-19 pandemic, the demand for analytical devices increased exponentially due to the urgency of fast and efficient diagnostics. Biosensor technology has been particularly highlighted as it has spawned several innovative technologies. This presentation will provide a historical overview of biosensors, their development over the last decades and the current status, with applications in the healthcare field. New trends will be highlighted in the areas of point-of-care, label-free, redox probe-free and wearable biosensors. Current trends from the perspective of new transducer approaches with case presentations.

