



Contribution of Smart Biosensors to the Future of the Health Care Services

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Message from the Guest Editor

Recently, the design and development of sensors with new or improved capabilities has attracted interest and funding from academia and industrial partners. In the healthcare field, some of the key developments have related to the reduction of the noise-to-signal ratio for more accurate readings, the employment of new wearable or implantable biocompatible materials and the downsizing of these materials to ensure minimally invasivity. The coupling of these new technologies with machine learning or artificial intelligence algorithms have contributed to the enhancement of the sensor's capabilities, making them "smart".

We are designing a Special Issue that aims to give the reader an updated understanding of how "smart" biosensors will improve the future of healthcare services. Papers presenting relevant scientific, clinical, or technological advances in areas like clinical diagnosis, patient safety, patient management or reduction of health care expenditures are welcome.





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