



## Physiological and Electrochemical Sensors for Biomedical Applications

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### Message from the Guest Editors

Dear Colleagues,

For the past few decades, there have been great progress in physiological and electrochemical sensors for biomedical applications. Many biomedical devices such as deep brain stimulator (DBS), pacemaker, cochlear implants are already in the market and they have been crucial for improving quality of life of patients. There are still great demand for developing newer and better technologies for many other biomedical applications for chronic diseases. To realize smaller, more accurate and highly reliable sensors for wearable and implantable devices, fabrication of miniaturized devices utilizing non-traditional techniques like microelectromechanical systems (MEMS) technique has been widely studied. In this Special Issue of Micromachines, we highlight the study on both wearable and implantable physiological and electrochemical sensors for biomedical applications, including but not limited to the devices such as electroencephalograph (EEG); electromyography (EMG); electrocorticogram (EMG); electrocardiograph (ECG); neural signal recorder; sweat sensor; micro element sensors; pH sensors; glucose sensors; pulse sensors; neural stimulators; and retinal prosthesis.





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