Special Issue

Electrochemistry in Diagnostics of Deceases, Biosensing, Enzyme Catalysis and Development of New Drug Delivery Systems

Message from the Guest Editor

In this Special Issue of *Processes*, we invite researches to present the recent advances in bioelectrochemistry and biosensor construction for the in vivo detection (and imaging) of pathological processes in the human body. A variety of human diseases, such as cancer, viral infections, acute myocardial infarction, ischemia, etc., may be registered and predicted at early stages by means of an appropriate sensitivity analysis, which provides successful medicinal treatment. Therefore, cost-effective, sensitive and robust sensor systems are required for medical applications, especially for in vivo analysis. Real-time monitoring of the blood drug level and drug–drug interactions (DDI) in the human body during clinical treatment of various diseases aids in controlling the level of chemotherapeutic medicinal preparations, and in preventing unwanted side effects of medications. We believe that this Special Issue provides new insights and stimulates future practical work in this direction.

Guest Editor

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Editor-in-Chief

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