







an Open Access Journal by MDPI

# **Electrochemical Sensors: Design, Methods and Applications**

Guest Editor:

#### Prof. Dr. Rene Kizek

Laboratory of Metalomics and Nanotechnology, Department of Chemistry and Biochemistry, Faculty of Agronomy, Mendel University and Central European Institute of Technology in Brno, Zemedelska 1, CZ-613 00 Brno, Czech Republic

Deadline for manuscript submissions:

closed (31 December 2022)

## **Message from the Guest Editor**

Dear Colleagues,

Electrochemical analysis has many advantages, including the fast and sensitive detection of selected analytes. This method can be used for biological applications, including the detection of very dangerous pathogens such as viruses (e.g., Ebola, influenza, ASFV, coronaviruses, etc.) and antibiotic-resistant bacterial strains, and for the diagnostics of other diseases, including tumor diseases. Various nanomaterials, nanocomposites, nanoparticles, and electrode modifications can be used in detection systems.

Prof. Dr. Rene Kizek













an Open Access Journal by MDPI

### **Editor-in-Chief**

### Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

## **Message from the Editor-in-Chief**

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases. **Journal Rank:** JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

#### **Contact Us**