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Electrochemical Immunosensor

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Message from the Guest Editor

Dear Colleagues,

Electrochemical immunosensors are analytical devices coupling immunochemical reactions to electrochemical transducers. The recent developments in the immunosensors field, regarding the incorporation of nanomaterials for increased sensitivity, multiplexing or microfluidic-based devices, may have potential for promising use in clinical analysis. Therefore, due to their simplicity, low price and possibility of miniaturization, electrochemical immunosensors are good candidates for future Point Of Care (POC) devices. But, future challenges and obstacles for their implementation into the clinical analysis still must be discussed. How close are we to the widespread use of these devices? The commercialization of such immunosensors still represents a front that needs more attention since there is a lack of efficiency in applying these sensing platforms into fast and portable devices.

I would like you to invite you too to answer this question by submitting your original research papers and review articles on this extremely dynamic research field.

Prof. Cecilia Cristea
Guest Editor



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Message from the Editor-in-Chief

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