

Shimaa Eissa

List of selected publications

(as of November 2022)

- S. Eissa, M. Zourob (2020):** Development of a low-cost cotton-tipped electrochemical immunosensor for the detection of SARS-CoV-2, *Analytical Chemistry*, 93 (3), 1826-1833.
- S. Eissa, M. Zourob (2020):** Ultrasensitive peptide-based multiplexed electrochemical biosensor for the simultaneous detection of *Listeria monocytogenes* and *Staphylococcus aureus*, *Microchimica Acta*, 187 (9), 1-11.
- S. Eissa, J. N'diaye, P. Brisebois, R. Izquierdo, A.C. Tavares, M. Siaj (2020):** Probing the influence of graphene oxide sheets size on the performance of label-free electrochemical biosensors, *Scientific Reports*, 10 (1), 1-12
- S. Eissa, A.Y. Almusharraf, M. Zourob (2019):** A comparison of the performance of voltammetric aptasensors for glycosylated haemoglobin on different carbon nanomaterials-modified screen printed electrodes, *Materials Science and Engineering: C*, 101, 423-430
- S. Eissa, A. Siddiqua, R. Chinnappan, M. Zourob (2019):** Electrochemical SELEX technique for the selection of DNA aptamers against the small molecule 11-deoxycortisol, *ACS Applied Bio Materials*, 2 (6), 2624-2632.