

Special Issue

Advances in Electrochemotherapy

Message from the Guest Editors

Electrochemotherapy (ECT) is a safe and efficient procedure for the treatment of cancer, relying on the transient permeability of the cell plasma membrane (i.e., electroporation), which facilitates targeted drug delivery. As a result, ECT ensures the localized treatment of tumors, making it a popular procedure in clinics and a safer alternative to conventional treatments. However, a deeper insight into electrochemotherapy at the molecular level is needed, including into the possibility of modulating the immune response to secure a more effective treatment process, even in the case of metastases. Additionally, novel parametric protocols and accompanying molecular mechanisms should be continually researched to counter the multi-drug resistance (MDR) of cancer and to promote the further evolution of its treatment. Therefore, this Special Issue focuses on advances in and applications of ECT.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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