

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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Deadline for manuscript submissions

closed (20 September 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/202988

*International Journal of
Molecular Sciences*
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