

Special Issue

Combined Locoregional-Immunotherapy for Cancer Treatment

Message from the Guest Editors

Immunotherapy has changed the landscape of cancer treatment in the past several years. The systemic administration of immune checkpoint inhibitors (ICIs), targeting PD-1, PD-L1, or CTLA-4, is the pillar of current immunotherapy. However, it is notable that ICIs have limited efficacy as monotherapy, and their greatest potential lies in combination with other treatments that can trigger or augment anti-tumour immune responses. Accumulating preclinical data suggest that the locoregional delivery of immunotherapy agents (e.g., TLR/STING agonists, antibodies, or viruses) can induce robust systemic antitumor immunity in various types of cancers. However, one of the major setbacks of locoregional immunotherapy is that many cancers in the clinic are not easily accessible compared with preclinical tumour models. Therefore, its clinical utilization will inevitably require image-guidance. The purpose of this Special Issue is to collect studies regarding locoregional immunotherapies from researchers in the field of immuno-oncology and interventional oncology in order to promote new opportunities and perspectives by bridging the gap between the fields.

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