



Immune-Related Adverse Effects of Checkpoint Inhibitors in Cancer Patients

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Message from the Guest Editor

Dear Colleagues,

The development of Immune Checkpoint Inhibitors (ICIs) has significantly altered the field of oncology by achieving durable anti-tumor responses in a number of advanced malignancies with a previously poor prognosis. Currently, up to 50% of all cancer patients can potentially benefit from treatment with ICIs. As opposed to conventional anti-cancer therapies, characterized by acute onset emetic and myelosuppressive effects, ICIs exhibit a favorable side effect profile. Nevertheless, their increased use over the last few years has led to the discovery of a distinct set of adverse events, i.e., immune-related adverse events (irAEs). Approximately 50% of the patients who receive ICI treatment will experience some kind of irAE. Immune-related cardiovascular adverse events have gained significant interest over the past decade. Although they were initially thought to be rare, the increasing use of ICIs in the treatment of both advanced and early stages of various malignancies has resulted in a substantial increase in the incidence of both acute and chronic cardiovascular irAEs. In this Special Issue, we focus on the cardiovascular-related adverse events of ICIs.





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