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Manuscript Type: MINIREVIEWS

Systemic adverse effects and toxicities associated with immunotherapy: A review

Kichloo A *et al.* Adverse effects of immunotherapy

Asim Kichloo, Michael Albosta, Dushyant Dahiya, Jean Claude Guidi, Michael Aljadah, Jagmeet Singh, Hafeez Shaka, Farah Wani, Akshay Kumar, Manidhar Lekkala

Abstract

Immunotherapy is rapidly evolving secondary to the advent of newer immunotherapeutic agents and increasing approval of the current agents by the United States Food and Drug Administration to treat a wide spectrum of cancers. Immunotherapeutic agents have gained immense popularity due to their tumor-specific action. Immunotherapy is slowly transforming into a separate therapeutic entity, and

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In recent years, **immunotherapy** has become an important pillar of cancer treatment, with high response rates regardless of tumour histology or baseline mutations. However, immune activation **associated** with check-point inhibitors is not selective and a large variety of immune-related adverse events ha ...

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