

Interleukin-2, a Tale of Two Halves: To Suppress or Augment Suppression, That is the Question

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Abstracts

Report Includes:

An introduction to interleukin-2 (IL-2) and identification of its applications

Insights into the latest trends and technologies in the IL-2 research and development

Discussion of strategies adopted by IL-2 developers for the successful treatment of cancer and information on NKTR-214, a Nektar Therapeutics product

Review of recent VC investment in this zone highlighted by Syncona and Novartis Venture Fund recent CHF35m investment in Anaveon AG, a new Swiss Biotech company spun out from the University of Zurich which is developing a novel oncologic monoclonal antibody that boosts IL-2 but has an improved side-effect profile

Detailed description of autoimmune responses and possible ways to augment immune responses so as to improve antitumor activity and reduce off target effect

An understanding of various conditions which may develop as an off-target effects in the cancer treatment such as metastatic melanoma (MM), renal cell carcinoma (RCC), urothelial cancers (US) relapse remitting multiple sclerosis (RRMS), and Type 1 diabetes (T1D)

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Zenapax (Daclizumab) Roche

Zinbryta (Daclizumab) AbbVie/Biogen

Leukotac (Iolimumab) ElsaLys Biotech

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