

[Open Peer Review on Qeios](#)

Ex Vivo-expanded Autologous T Cells IMA101

National Cancer Institute

Source

National Cancer Institute. *Ex Vivo-expanded Autologous T Cells IMA101*. NCI Thesaurus. Code C131305.

A preparation of autologous cytotoxic T-lymphocytes, specifically recognizing certain tumor-associated antigens (TAAs), with potential antineoplastic activity. The endogenous T-cells are isolated, expanded ex vivo, and reintroduced back into the patient. Upon administration, the ex vivo-expanded autologous T-cells IMA101 target and kill tumor cells. The T-cells are analyzed beforehand for their ability to specifically recognize certain TAAs, based on a proprietary antigen warehouse.