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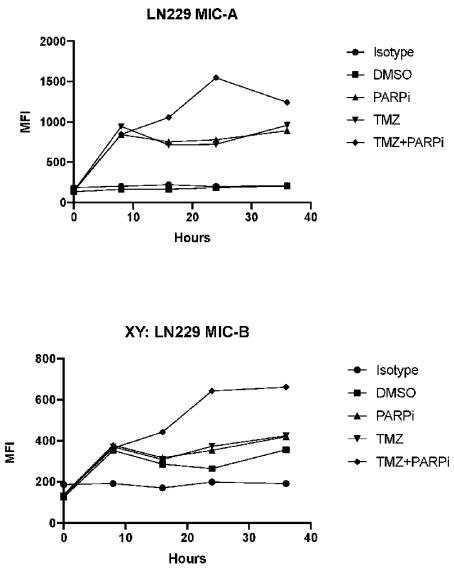



FIG. 1

(57) Abstract: The invention provides combination therapies for treating cancer comprising compositions and methods for γδ T cell immunotherapy in combination DDR inhibitors, including but not limited to PARP inhibitors. Preferably, the combination of γδ T cell immunotherapy and PARP inhibitors for the treatment of cancer further includes combinations with other immunotherapies such as immune checkpoint (ICP) blockade therapy and/or DNA damaging agents such as cytotoxic chemotherapeutic agents. Preferably, when the combination of γδ T cell immunotherapy and DDR inhibitor therapy further include chemotherapeutic agents, the γδ T cells are genetically modified to impart resistance to that chemotherapeutic agent.

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