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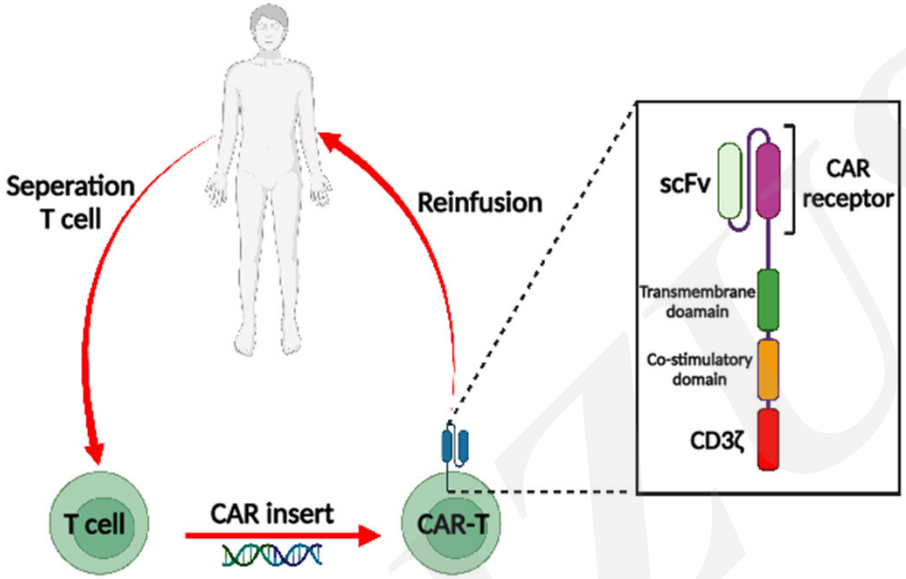
Relapse after CAR-T cell therapy in B-cell malignancies: challenges and future approaches

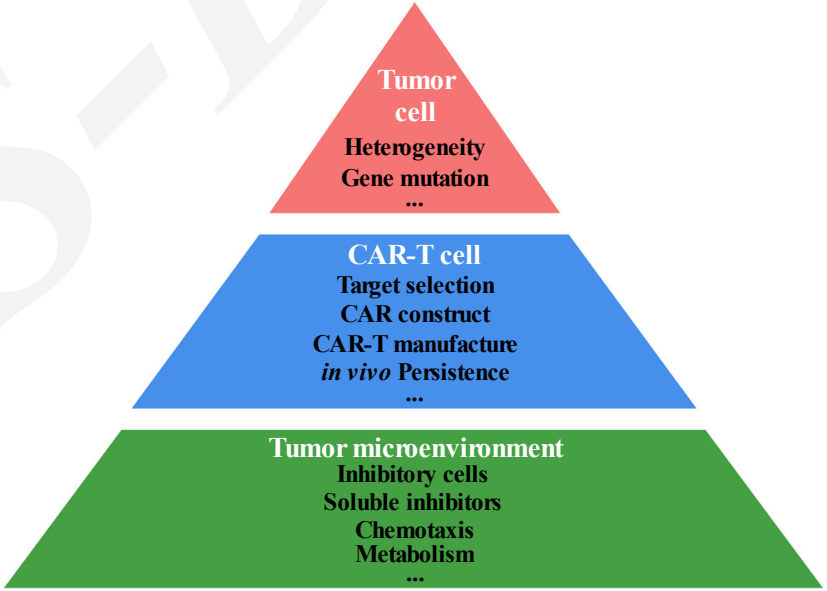
Key words: Chimeric antigen receptor T (CAR-T), B cell Malignancies, Mechanisms of relapse, Strategy

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Research Summary

This review mainly focused on the mechanisms of relapse after CAR-T cell therapy in B cell malignancies, and provided corresponding strategy in the future.





- **Introduction** of the CAR-T cell therapy and clinical relevance of the relapse after treatment in patients with dismal outcomes.

- **Mechanisms** of relapse from the aspects of tumor cell, CAR-T cell, and tumor microenvironment.

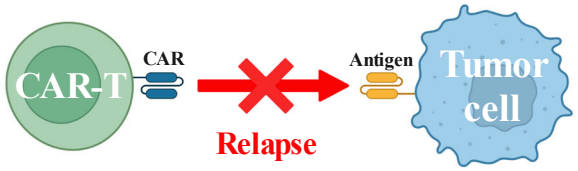


Figure 1
Mechanisms of relapse

Research Summary

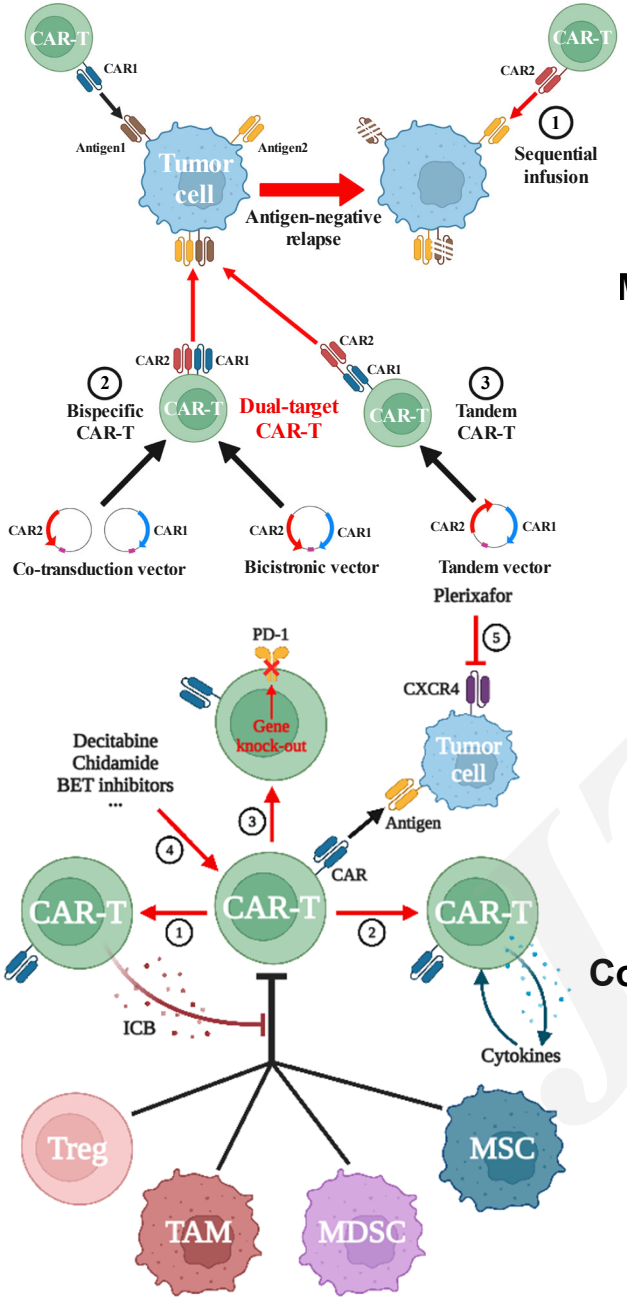


Figure 3
Multi-target strategy

Figure 4
Combinational strategy

- **Strategy** of developing multi-target CAR-T cell product to effectively eradicate tumor cells.

- **Strategy** of enhancing CAR-T cell function and persistence.

- **Strategy** of combining CAR-T therapy with other target therapies to overcome the immunosuppression by tumor microenvironment.

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