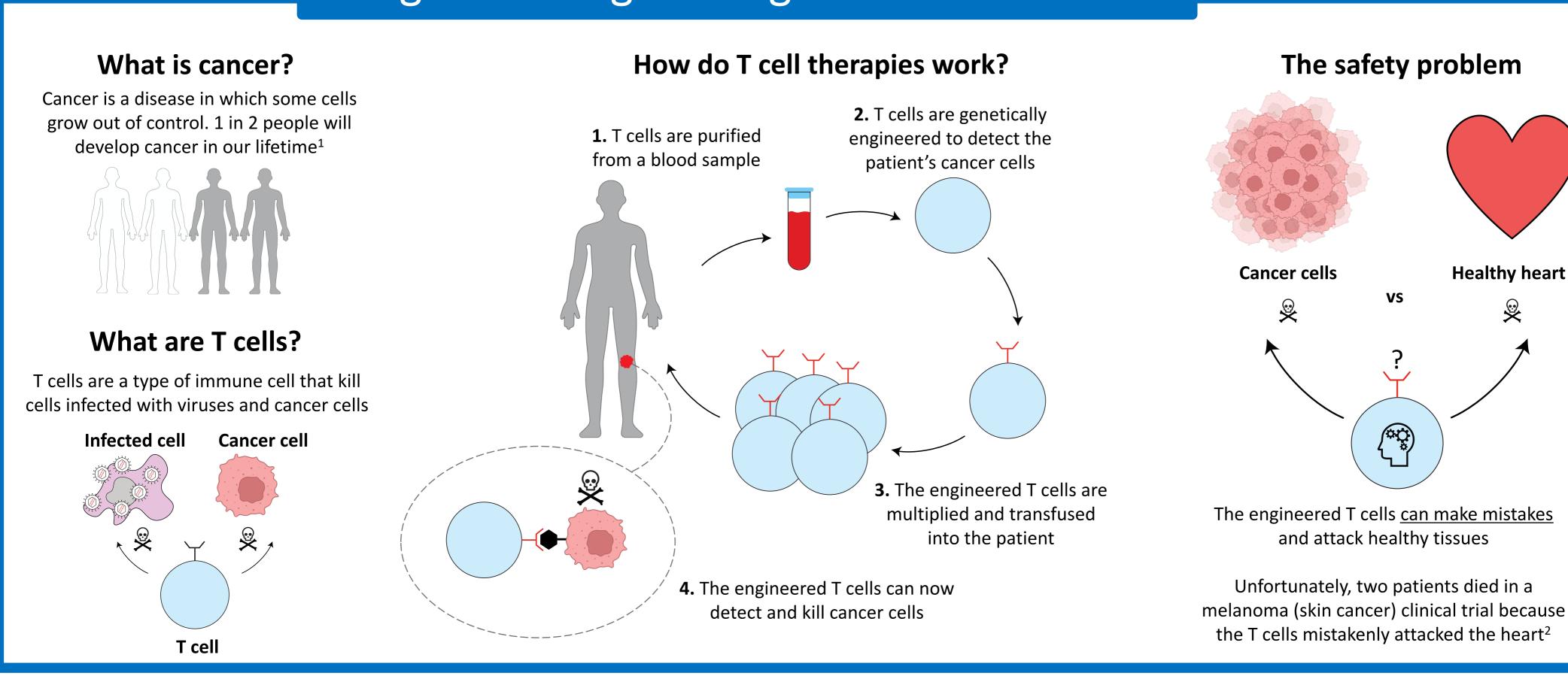
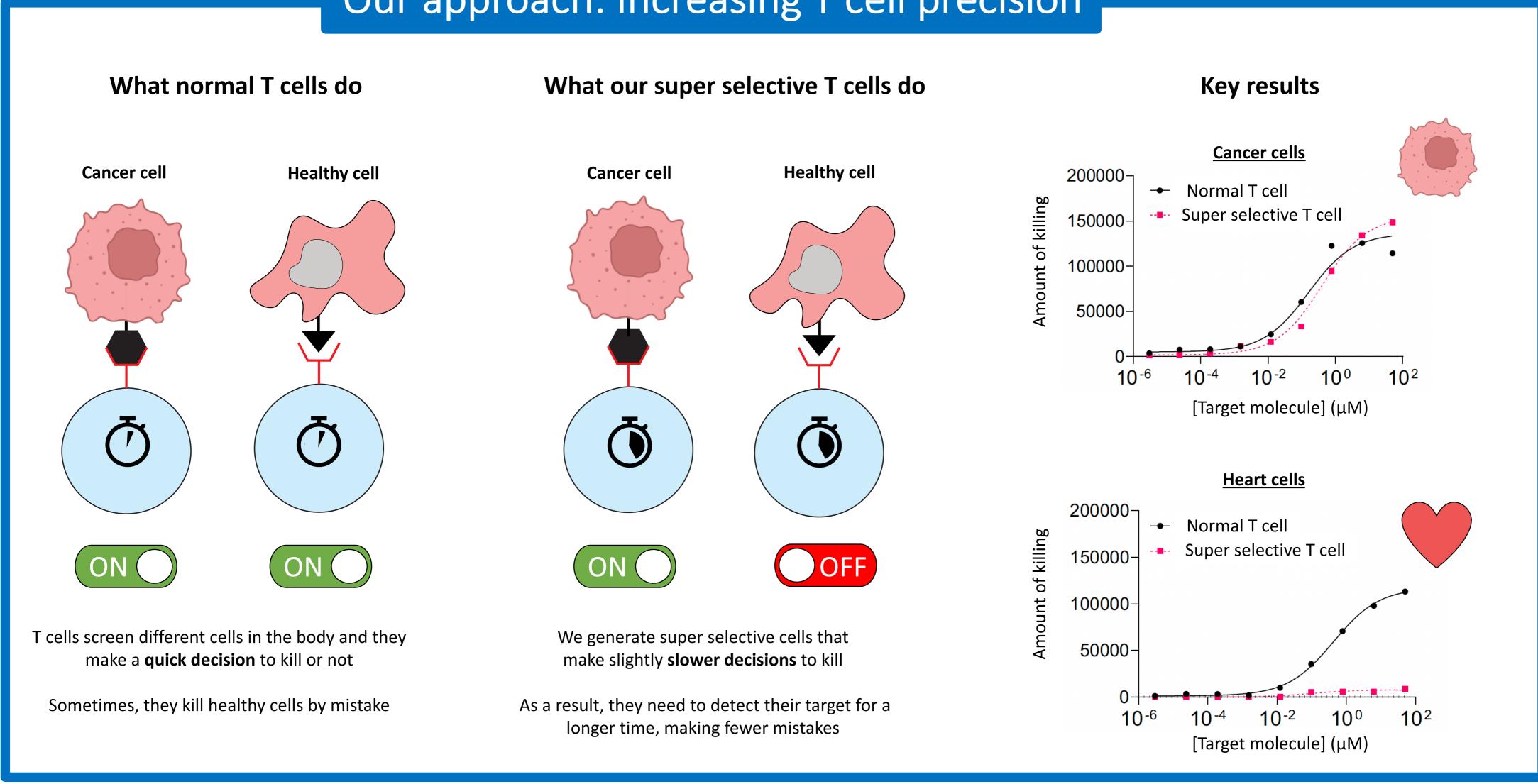
GENETICALLY ENGINEERING T CELLS TO REDUCE THE RISK OF AUTOIMMUNE CROSS-REACTIVITIES IN CANCER T CELL THERAPIES

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Background: Engineering T cells to kill cancer



Our approach: Increasing T cell precision



Summary

T cell therapies are a promising tool to treat any type of cancer, but they can also accidentally **attack healthy tissues**

Engineering T cells to make precise decisions can increase the safety of T cell therapies

References:

- .. Cancer Research UK, https://www.cancerresearchuk.org/health-professional/cancer-statistics-for-the-uk (Accessed February 2025)
- 2. Cameron BJ, et al. (2013) Identification of a titin-derived hla-a1-presented peptide as a cross-reactive target for engineered mage a3-directed t cells. Science Translational Medicine.





