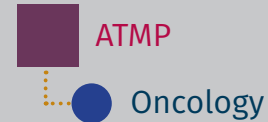


CD5-specific TCR-T cells for treatment of relapsed or refractory T cell neoplasms



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SUMMARY

Patients with T-Non Hodgkin lymphomas (T-NHL) and T-acute lymphoblastic leukemia (T-ALL) have a poor prognosis, limited therapies are available and only about 30% are cured by front-line therapy.

This project seeks to complete the preclinical characterization of a novel adoptive cell therapy with a T cell receptor (TCR) against an HLA-A2 restricted epitope of the T cell antigen CD5. CD5-specific TCR-T could hence represent a novel salvage / bridging therapy option for HLA-A2+ relapsed or refractory T cell neoplasms or could be used as consolidation treatment after HLA-A2 mismatch allogeneic hematopoietic stem cell transplantation with the goal to reach long-term remission.

PROJECT GOALS

- Complete the preclinical development of a novel ATMP
- Prepare phase I clinical trial
- Establish industry partnership

LONG-TERM GOALS

- Perform phase I clinical trial
- License to Biotech/Pharma