

Preclinical Safety Evaluation of TCR-T Cell Products for Advanced Ovarian Cancer



PRINCIPAL INVESTIGATORS/COLLABORATORS

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SUMMARY

Ovarian cancer bears the highest mortality rate amongst gynecological malignancies with epithelial ovarian cancer (EOC) causing approximately 200 000 deaths annually.

There is a high unmet medical need as this „cold“ tumor does not respond to immunotherapy such as checkpoint inhibitors. TCR-T therapies have shown promise in the solid tumor setting.

The team aims to develop a novel TCR-T cell product for the treatment of EOC.

PROJECT GOALS

- Identification and characterization of TCR construct.
- Safety and off-target evaluation.
- Patent filing.

LONG-TERM GOALS

- Out-licensing of patent.
- Transfer to other tumor entities as soon as approach is implemented for EOC.