

T cell engager as precision therapy for neurological autoimmune diseases



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SUMMARY

Neurological autoimmune diseases are often driven by pathogenic autoantibodies targeting neuronal or neuromuscular antigens and lead to severe disability and, in some cases, death.

In this project, the team aims to develop a T cell engager that directs patients' T cells to pathogenic B cells, which carry the disease-causing autoantibodies. During the funding, they want to identify, optimize and characterize a lead candidate for future pre-clinical and clinical development.

PROJECT GOALS

- Produce and characterize T cell engager candidates
- PK and PD studies in vivo

LONG-TERM GOALS

- Clinical study
- Regulatory approval
- License to Pharma