



STEMPhage

Innovation macrophage therapies to transform treatment paradigm of solid tumors

Off-the-shelf-cell therapy with platform potential

INVESTMENT CASE
Ad-hoc available | Scalable | high-performing

Short description

A novel **macrophage platform** translates scientific breakthrough into investable value and eliminates the key bottlenecks in today's cell therapies for solid tumors. We are developing a ready-to-use allogenic **macrophage cell therapy for cancer**: first-in-class, **broad tumor specificity**, as it is **anti-gen-independent**, unique **resistance to exhaustion** within the tumor, **industrially scalable**



The problem

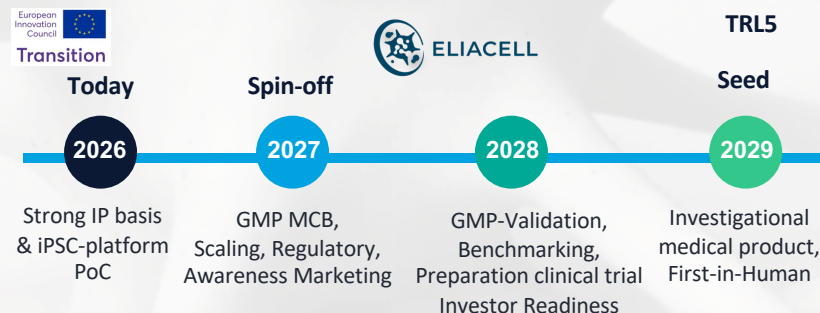
- Cancer is the second leading cause of death worldwide
- Existing cell therapies are expensive and largely ineffective against solid tumors (90%)
- T-cells are antigen-dependent and rarely penetrate solid tumors
- Immune cells become exhausted within the tumor
- Macrophages are unable to proliferate

Solution



New **xMACx macrophage cell therapy** attacks solid tumors. Through a completely **novel biological approach**: **metabolic enhancement**, **high proliferative capacity**, **resistance to exhaustion** and **persistent, stable anti-tumor effect** at low cost.

Milestones / Value-Creation Roadmap



30 Month Focus

- GMP Master cell bank
- GMP Validation
- preclinical De-Risking.
- Process-Optimization
- Scaling
- Spin-off-Readiness

Market potential/ Business model

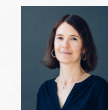
- Unmet medical need
- Large addressable oncology markets
- Multiple indications and partnering pathways
- Early-stage licensing agreements

Team

Founder Team



Dr. Angela Jacobi



Dr. Anke Fuchs



Prof. Michael Sieweke



Team of experts with practical experience from cell therapy companies in R&D/pipeline development, process/GMP development, in vivo testing and First-in-Human study design

Investor Opportunity

EIC Transition as non-dilutive capital: Readiness for Spin-off, Seed funding, Strategic partnerships & licensing
To do: early discussions with investors & sparring