SURPASS Trial Design: A Phase 1 Dose Escalation Trial to Assess Safety and Efficacy of ADP-A2M4CD8 in HLA-A2⁺ Patients with **MAGE-A4⁺** Tumors

Background

- Next-generation SPEAR T-cells (ADP-A2M4CD8) target MAGE-A4⁺ tumors in the context of HLA-A*02 (**Figure 1**)
- Engineered CD8α co-receptor increases the potency of CD4⁺ T-cell pre-clinical anti-tumor response (**Central figure**)

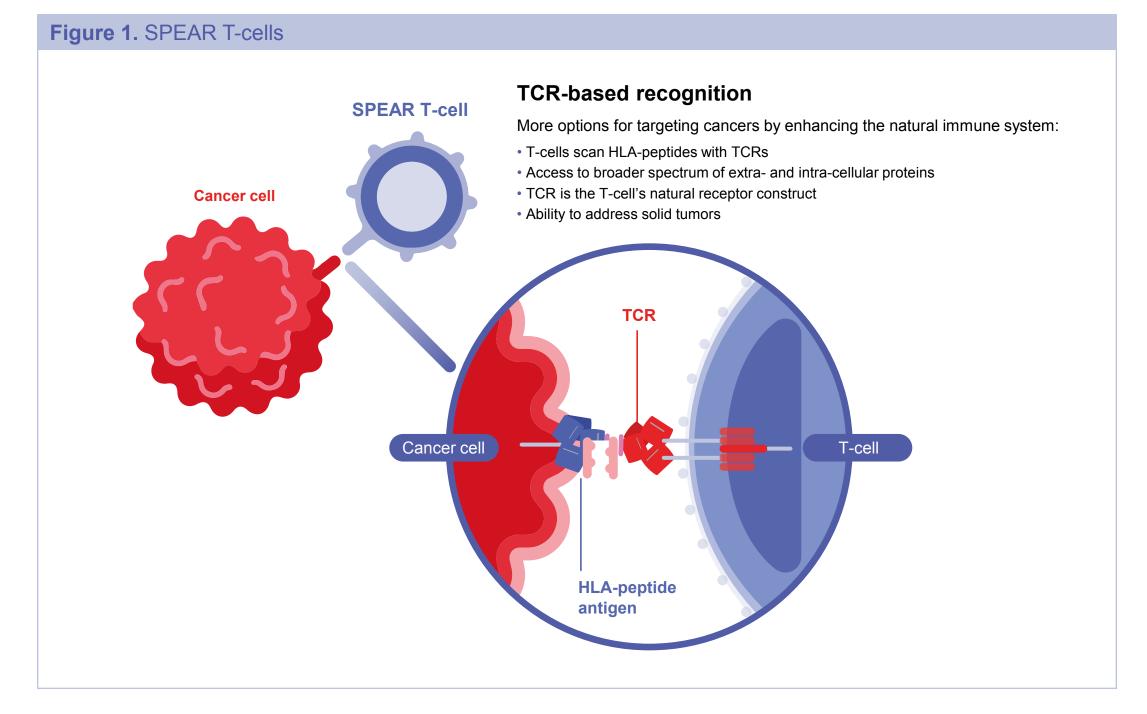


Figure 2. SURPASS study objectives

Primary	Evaluate the safety and tolerability of ADP-A2M4CD8 T-cell therapy
Secondary	Evaluate the anti-tumor activity of ADP-A2M4CD8 T-cells
Exploratory	Identify serum and tumor factors that influence response or resistance to ADP-A2M4CD8 therapy



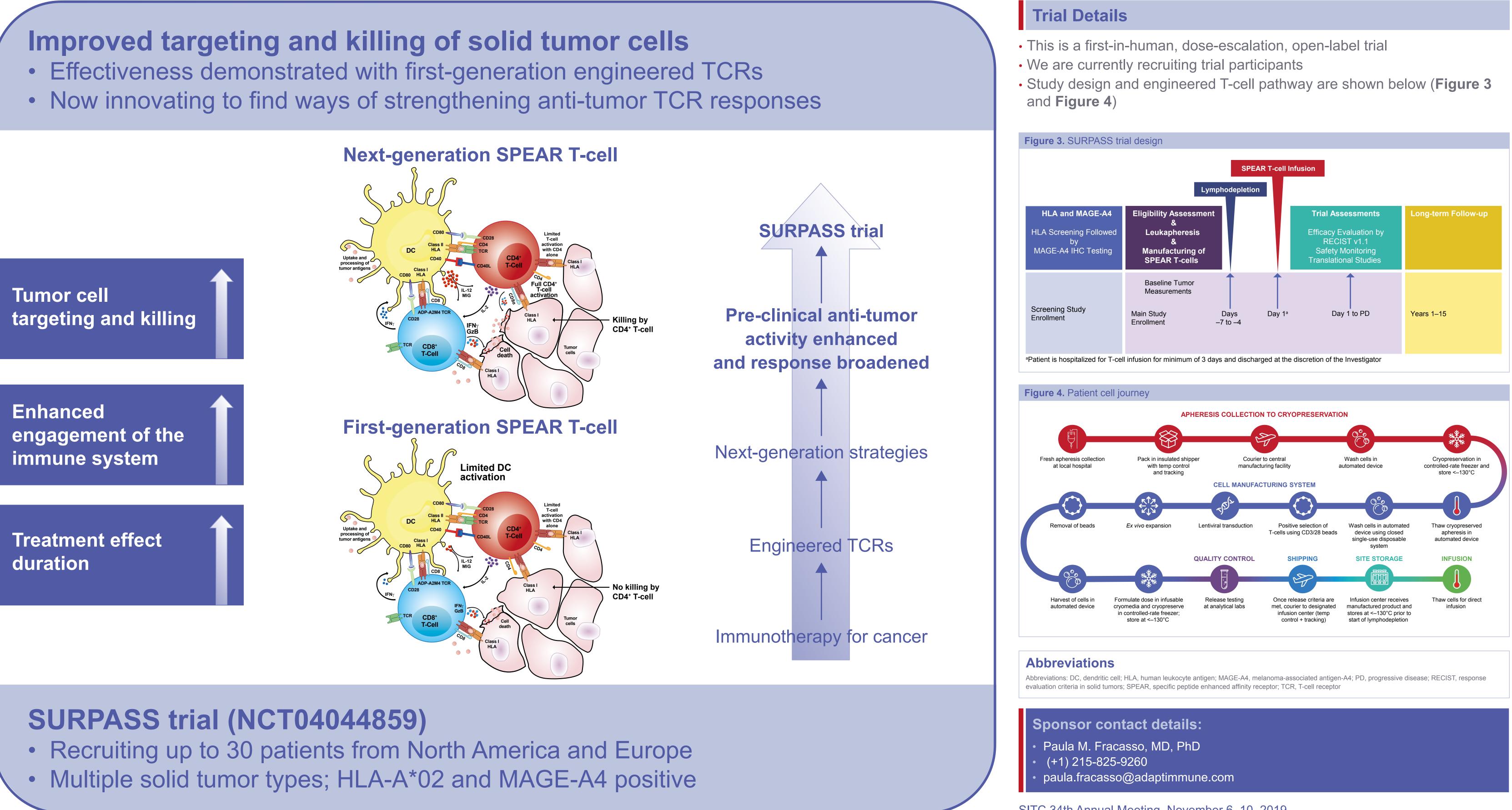
SPEAR T-cell mechanism of action video can be viewed by scanning the QR code



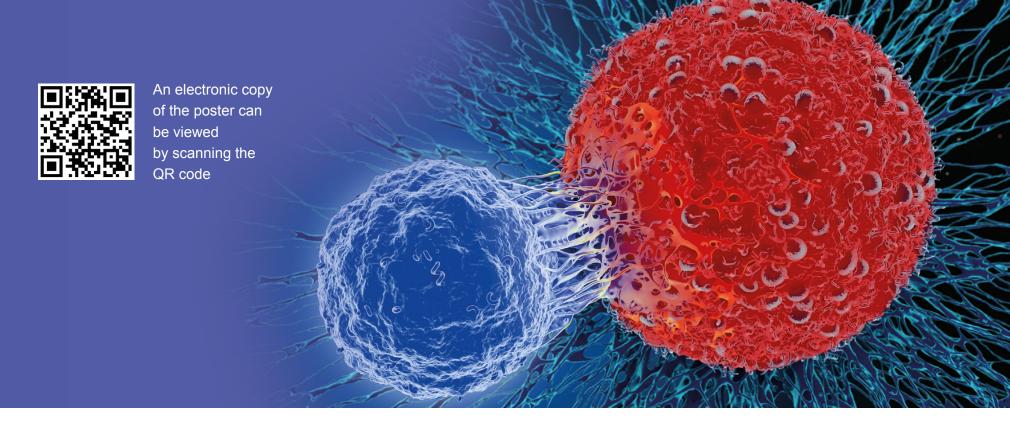
Full trial details from ClinicalTrials.gov can be viewed by scanning the QR code

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