



## Why use Aim-Tconv?

### Streamline your workflow

- ◊ Works directly with PBMC or isolated CD3+ cells
- ◊ No tedious bead removal steps
- ◊ Self-degrades at programmed timepoints or add enzyme on-demand

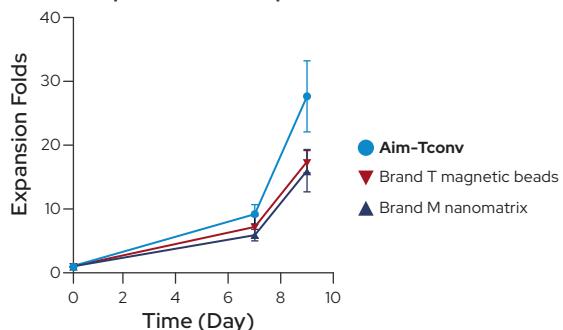
### Superior T cell expansion

- ◊ Higher expansion folds vs magnetic beads/nanomatrix
- ◊ Balanced memory subtype (Tcm/Tem), better persistence
- ◊ Faster exhaustion recovery
- ◊ T cells remain re-stimulation capable
- ◊ Equivalent *in vitro* tumour killing with reduced cytokine-related toxicity

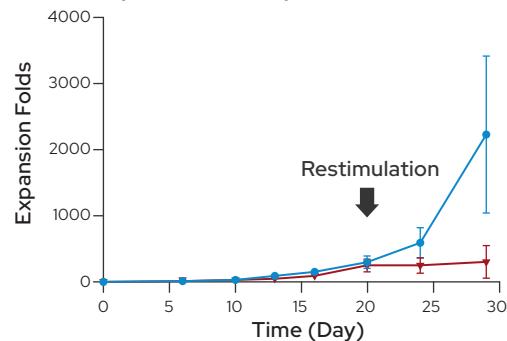
### Biomimetic design

- ◊ Fluid lipid membrane mimics natural APCs
- ◊ Gentler activation signals reduce exhaustion
- ◊ 100% chemically defined, animal-free formulation

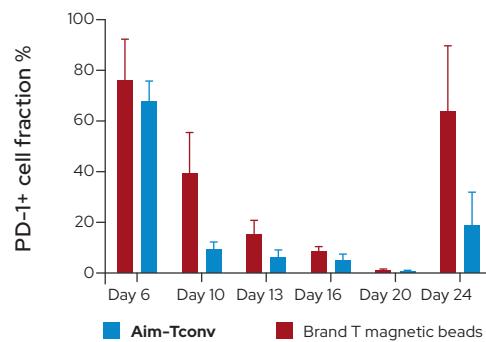
### T cell proliferation profile



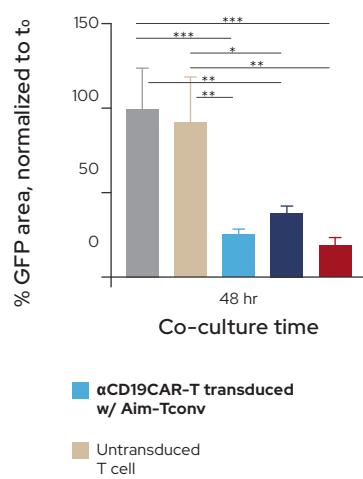
### T cell proliferation post-restimulation



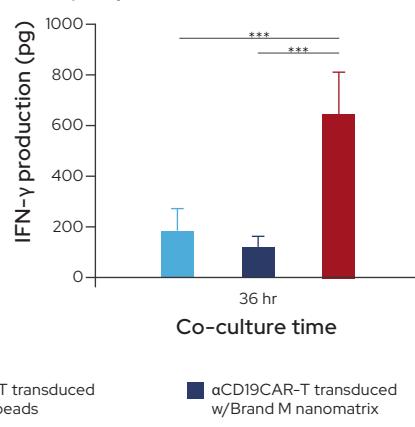
### T cell exhaustion profile



### CAR-T cell-mediated tumour killing



### IFN-γ expression in CAR-T cells



### T cell memory subtypes

