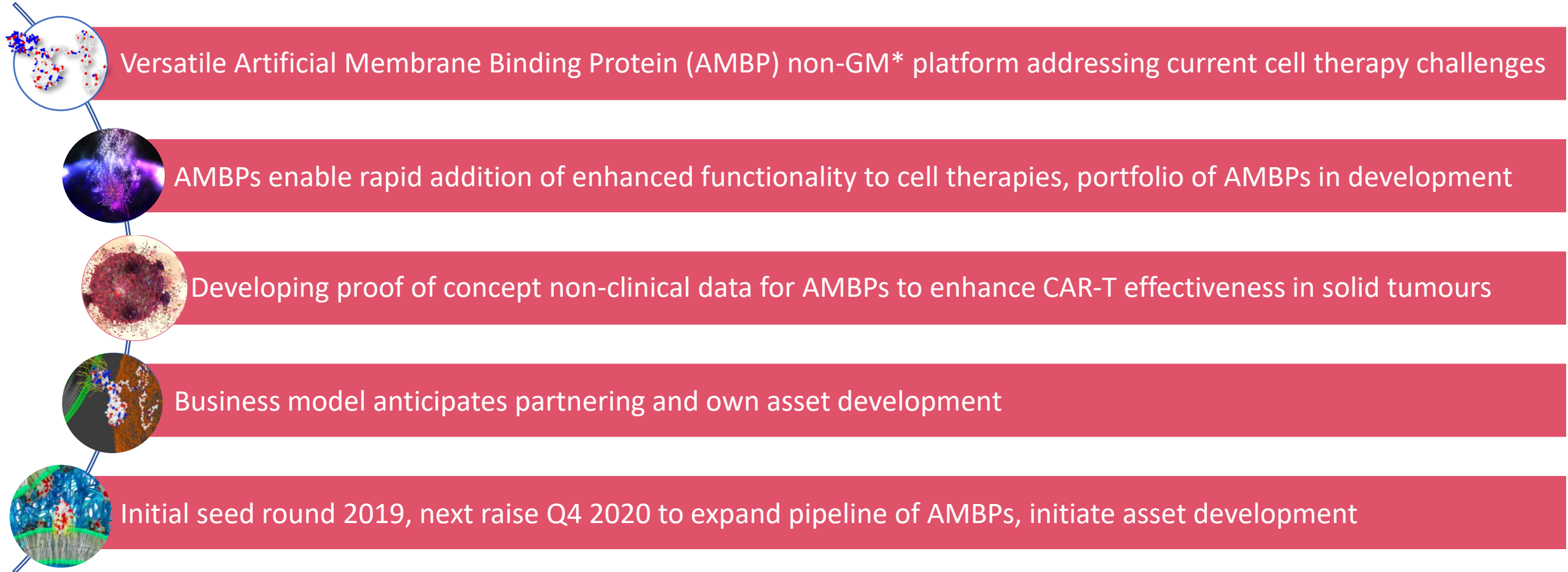


CytoSeek Enabling the next generation of cell therapies



CytoSeek platform enables the next frontier in CAR-T Therapies to be targeted: **Solid Tumours**



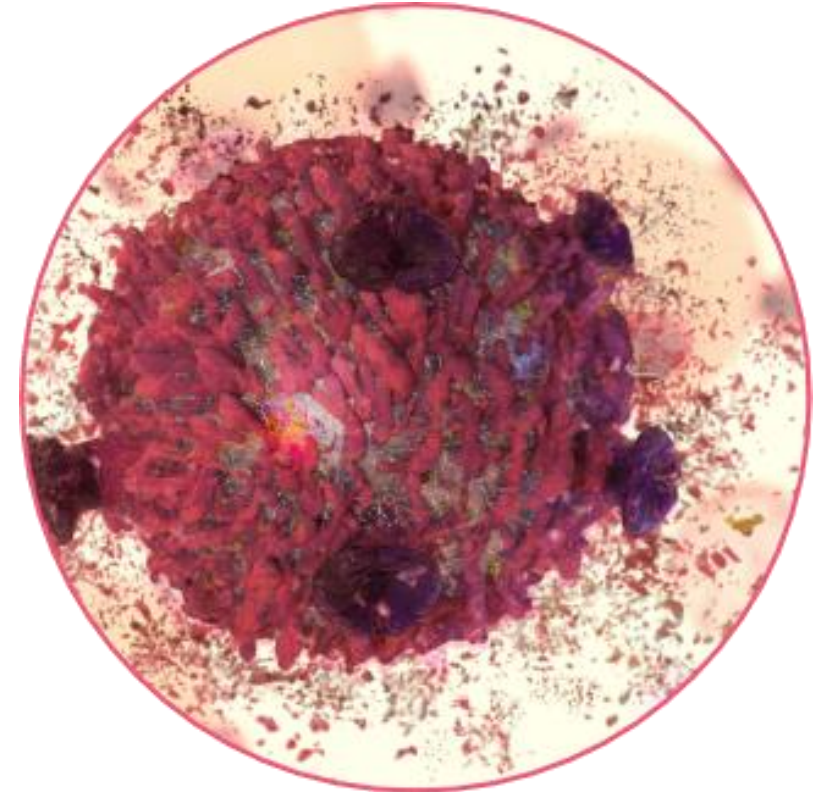
8.5M* people die from solid tumours worldwide each year

CAR-T cell therapies have limited success in treating solid tumours

Effectiveness limited by various factors including immunosuppression mediated by the tumour microenvironment

CytoSeek AMBP have the potential to enhance CAR-T by providing additional functionality to these therapies

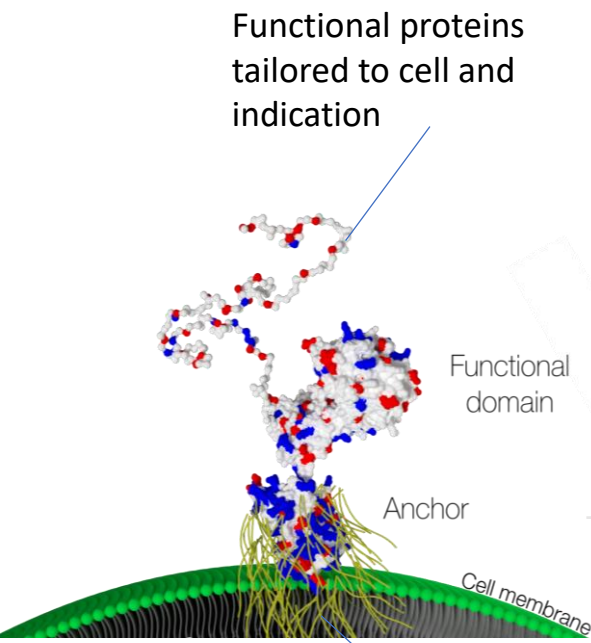
Functional domains can be added to CAR-T therapies that address current challenges



CytoSeek **AMBP** can enhance partners T cell therapies by adding tailored functional domains



AMBP



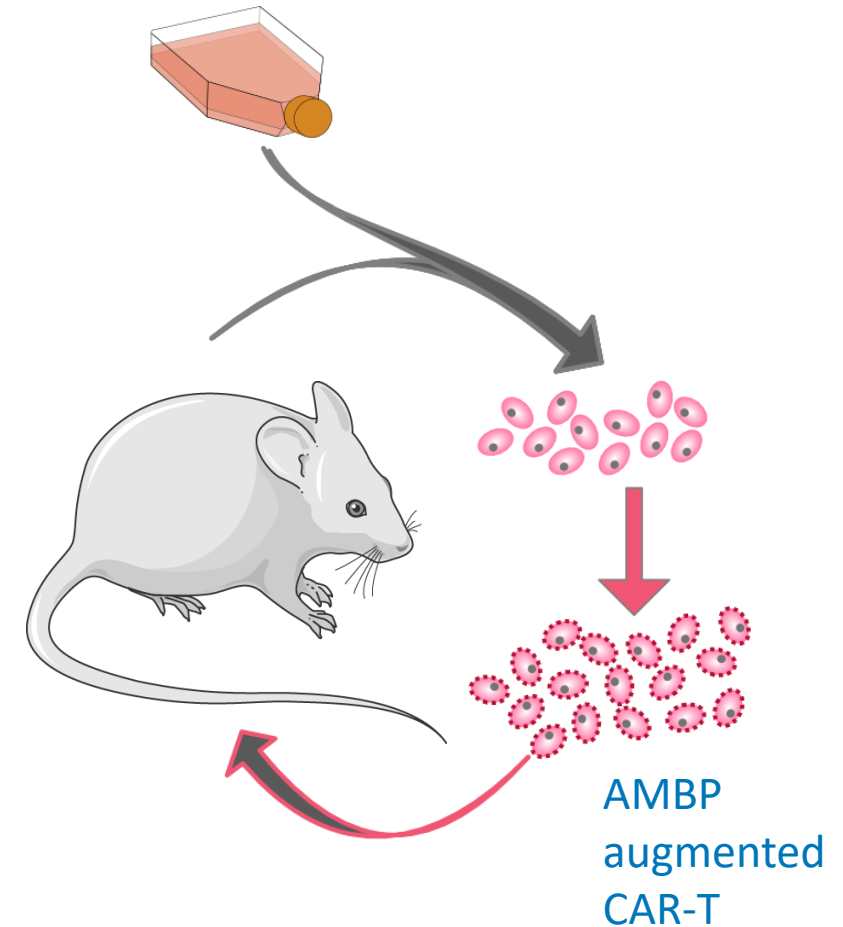
Anchor confers function either alone or as bifunctional construct

Objective	Mechanism	Potential functional domains
Enhance tumour targeting	Homing	Aminopeptidase N binding peptide (NGR), FAS-L, neuropilin 1 binding peptide (e.g. TPP11)
	Persistence	Matrix Metalloproteinases (MMP2 and MMP9), anti-VEGFR (ramucirumab), dn*VEGF
	Recruitment of other cells e.g. NK	Antigen presenting cell activation, CD40L Cytokines e.g. IL12, IL15
Control T cell activity	Homeostatic expansion	IL2, IL7, IL12, IL17
	T cell metabolism	Enzymes e.g Adenosine deaminase
Enhance T cell activity	Immune modulation	dnPD1, anti-CTLA4, dnTGFβ receptor
	Hypoxia resistance	Myoglobin
	Tumour cell Apoptosis	Anti-TRAIL or TRAIL-Ligand

CytoSeek is developing a non-clinical data package for **AMBP** augmented T cells in solid tumours



- *In vitro* studies testing safety and function of **AMBP** augmented cells ongoing
- *In vivo* studies scheduled H2 2020 with **AMBP**s
 - To protect T cells from hypoxia and;
 - To modulate immuno-suppression
- Animal models will test efficacy and safety of **AMBP** augmented T cells
 - Murine Transgenic T cell against Renal cell carcinoma (RENCA)
 - Human CAR-T Breast adenocarcinoma (MDA-MB231)





CytoSeek and AMBP Summary

- Versatile IP protected AMBP platform addressing current challenges in cell therapies
- Near term development plan focused on generating validation data for T cells enhanced with CytoSeek AMBP in solid tumours
- Business model is to seek co-development partnerships and develop own assets
- Seeking interested investors for next financing round to expand AMBP platform and initiate development of own assets
- Seeking interested partners developing cell therapies that could be enhanced with CytoSeek AMBP