

# The Cell Therapy Catapult

The UK's initiative to accelerate the development of cell therapies

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# Catapults

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Catapults bridge the gap between business, academia, research and government

Exploiting the science base to create new manufacturing industries for the UK

£200m+ assigned for 7 Catapults; Cell Therapy Catapult is the only life science Catapult

Catapults use their critical mass of expertise to accelerate projects

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The Cell Therapy Catapult vision is for the UK to be a global leader in the development, delivery and commercialisation of cell therapy.

Where businesses can start, grow and confidently develop cell therapies, delivering them to patients rapidly, efficiently and effectively.

# Addressing Barriers

## Business

- Economics
- Health Economics
- Manufacture & Supply vs Service
- Business Plans

## Business Development

## Manufacturing and Supply Chain

- COGS & Scale up
- GMP
- Characterisation & Analytical
- Comparability
- Delivery

## Process Development

## Clinical And Regulatory

- Regulatory Landscape
- Pre Clinical Packages
- Clinical trial design
- NHS partnering

## Clinical Operations & Regulatory Affairs

# Strategic Goals

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## Pipeline

- Increased cell therapies in UK clinical trial and clinical use

## Value

- Investible propositions created leading to cell therapy companies that succeed and stay in the UK

## Attractiveness

- Demonstrating that the UK is the place to do this work, with increased inward investment

## Goals

- Build a £10bn industry

# Accelerating translation towards commercialisation for cell therapies

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**Regulatory expertise**

**Accelerated clinical trials**

**Establishment of EU manufacturing**

**Facilitated access to finance**

# Building The Catapult

Catapult is a Technology Strategy Board programme

**CATAPULT**  
Cell Therapy

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## Finance

- £70m core grant from UK's Technology Strategy Board to March 2018
- £10m pa from other grant funders
- £10m pa from industry contracts

We use our assets to accelerate innovation



# Catapult is based in Guy's Hospital, London

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- **Facilities**
  - 1200 sq m on 12<sup>th</sup> floor of Guy's Hospital London
  - Capacity for 80-100 people
  - Adjacent to complementary activities
- **Business Team**
  - Business development
  - Health economics
  - Business models
- **Translational Labs**
  - Process development
  - Analytical development
  - GMP process proving
- **Clinical Trial and Regulatory Team**
  - Regulatory
  - Clinical operations

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# Projects and Products

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## UK companies

SMEs

Big Healthcare

## Inward investors

Trial initiation

Manufacturing and distribution

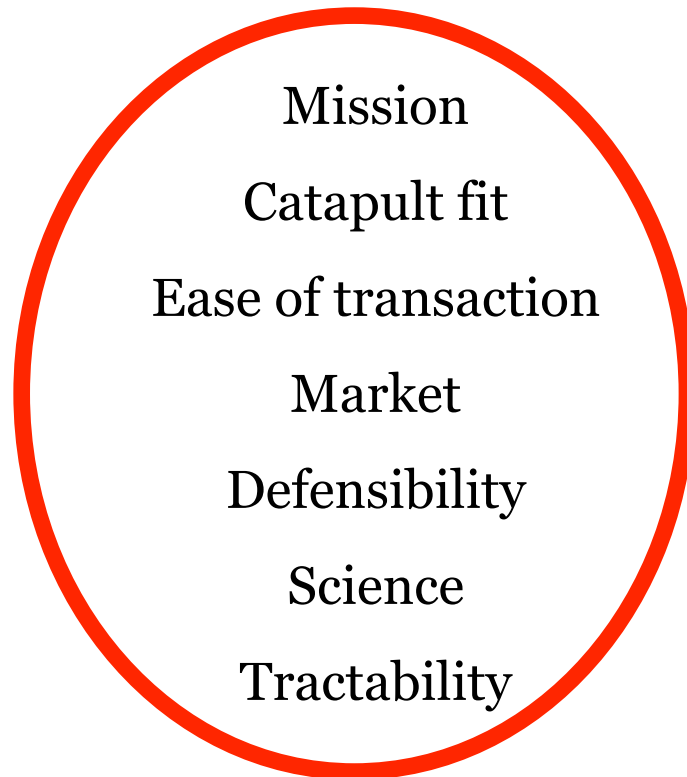
## Academic pull through

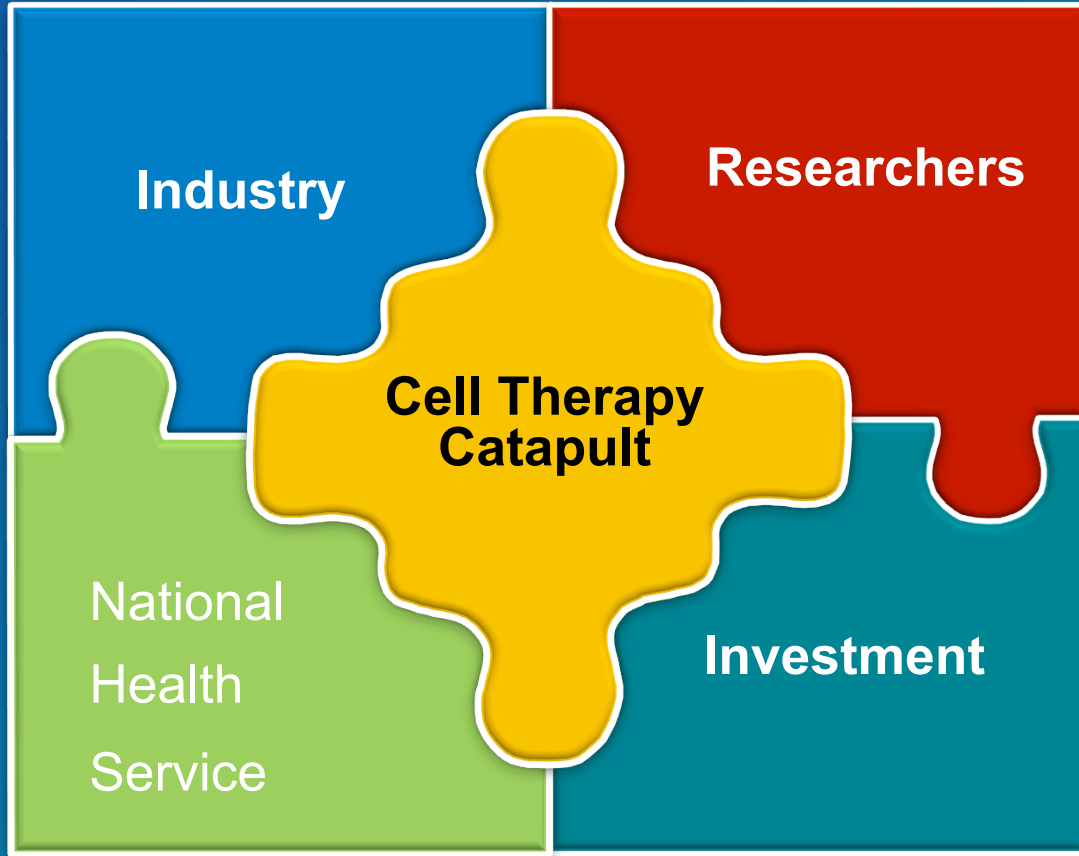
Accelerate innovation

Create investible propositions

# Gateway Questions

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