

Fostering a Culture of Translation - UCL

Dr Jane Kinghorn, Director TRO, OVPH UCL

24th April 2023, “Translation by Design: The Key To Unlocking Interdisciplinary Research”

EASSH, EATRIS, Taylor & Francis Event, Brussels



- Translational ecosystem
- Experienced product developers
- Incentives
- Training
- Workshop Session



2nd

UCL was rated 2nd in the UK for research strength in the most recent Research Excellence Framework

8th

UCL is ranked 8th in the 2022 QS World University Rankings

30

There have been 30 Nobel Prize laureates amongst UCL's alumni and current and former staff to date

1st

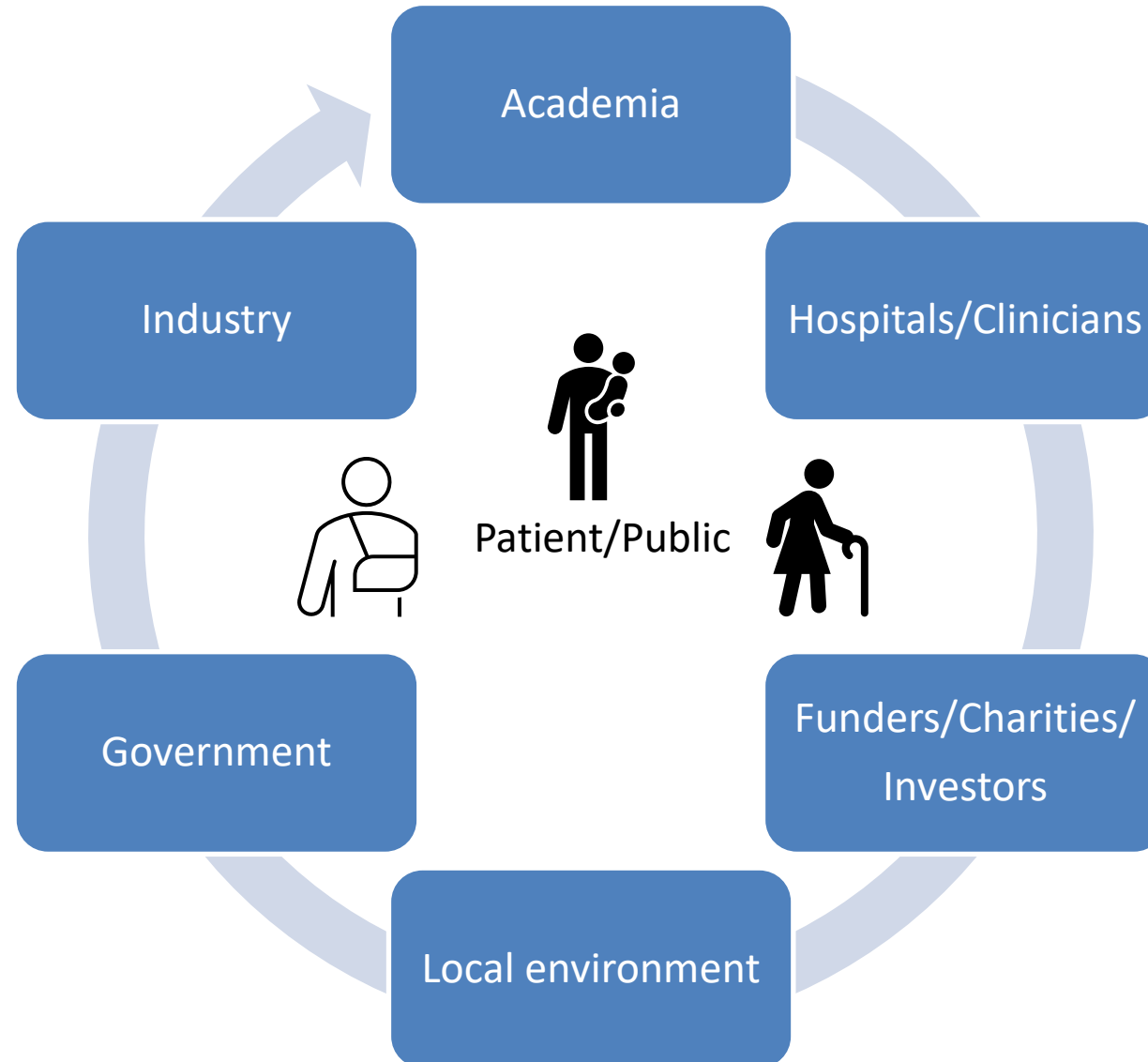
UCL was the first university in England to welcome students of any religion or social background and the first to welcome women to university education

UCL

Comprehensive University

- **11 Faculties** (Health, Engineering, Mathematical Sciences, Laws, Social Sciences, Arts, Humanities, Design, IoE)
- **16,000 staff**
- **51,058 students**
 - 25,121 undergraduates
 - 19,745 postgraduate taught
 - 6,192 postgraduate research

Translational Partners



Extensive Infrastructure Required to Accelerate Translation



Largest aggregation of
biomedical science in EU

Professional
infrastructure

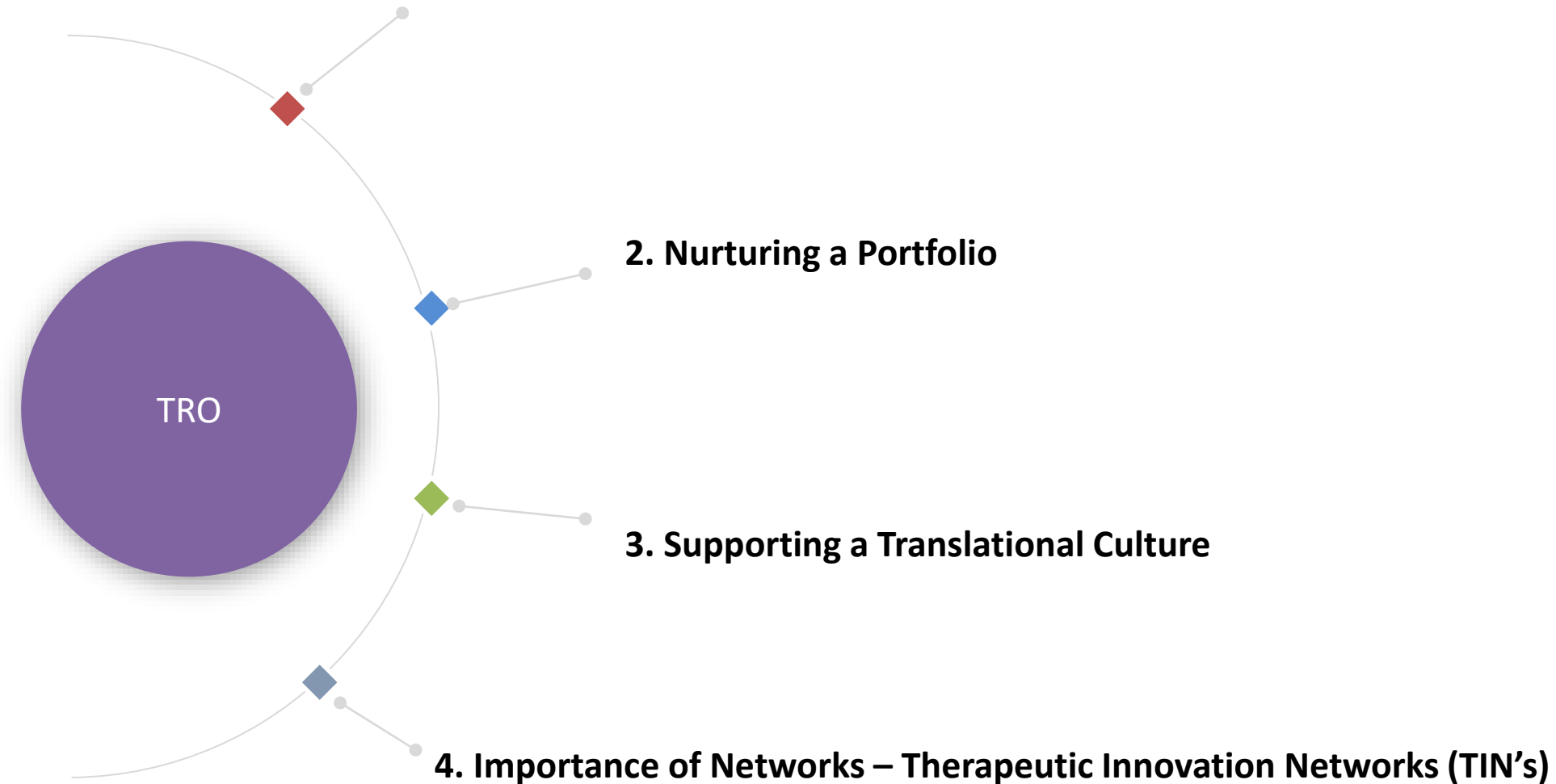
Adoption

1. Partnerships – navigating the innovation ecosystem

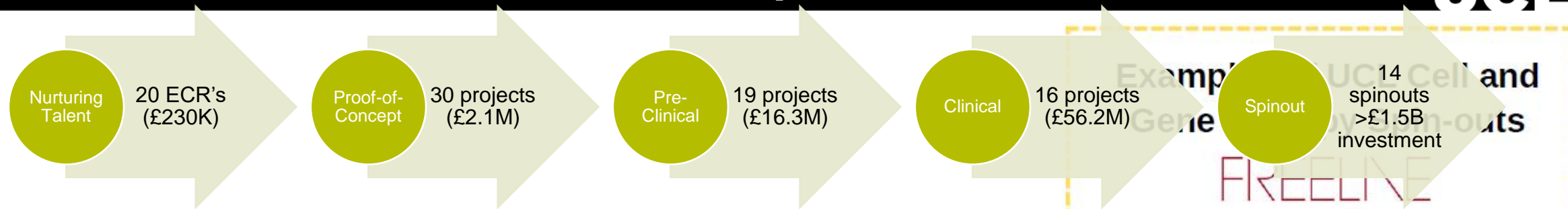
2. Nurturing a Portfolio

3. Supporting a Translational Culture

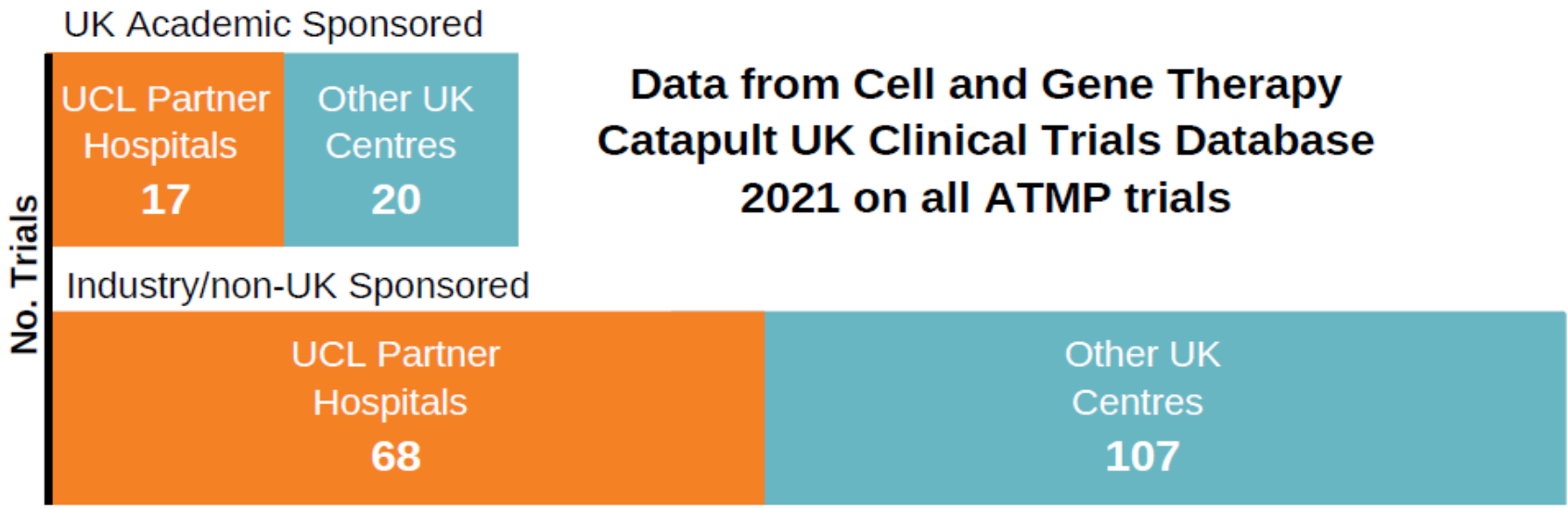
4. Importance of Networks – Therapeutic Innovation Networks (TIN's)



Impact of Coordinated Embedded Expertise – Cell & Gene Therapy



UCL World leader in development and clinical delivery of ATMPs

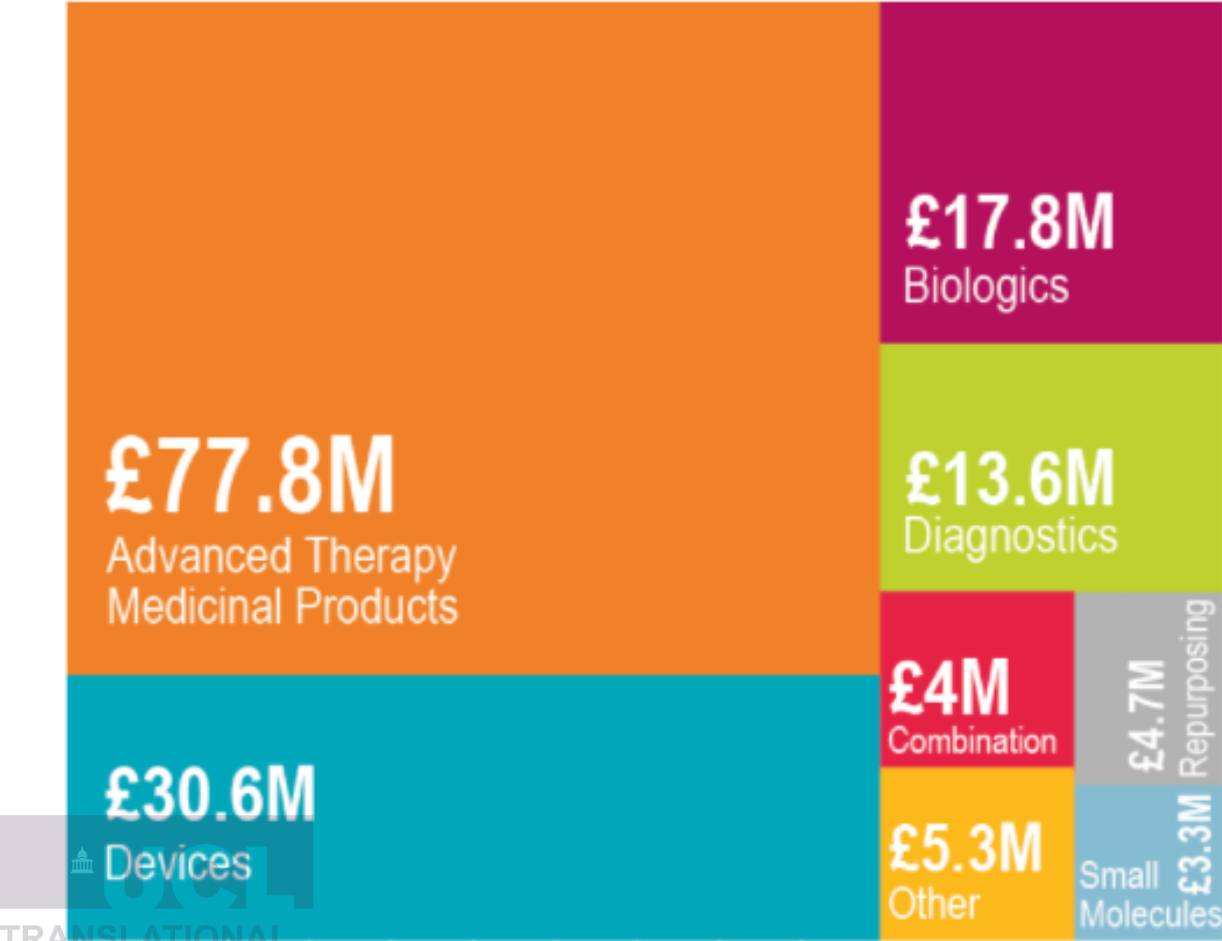


Example of UCL Cell and Gene Therapy spin-outs

14 high-profile spin-out companies
> ~£1.5B investment

Over the past decade the therapeutic portfolio supported by the TRO has grown to over 100 projects with > £198M funding

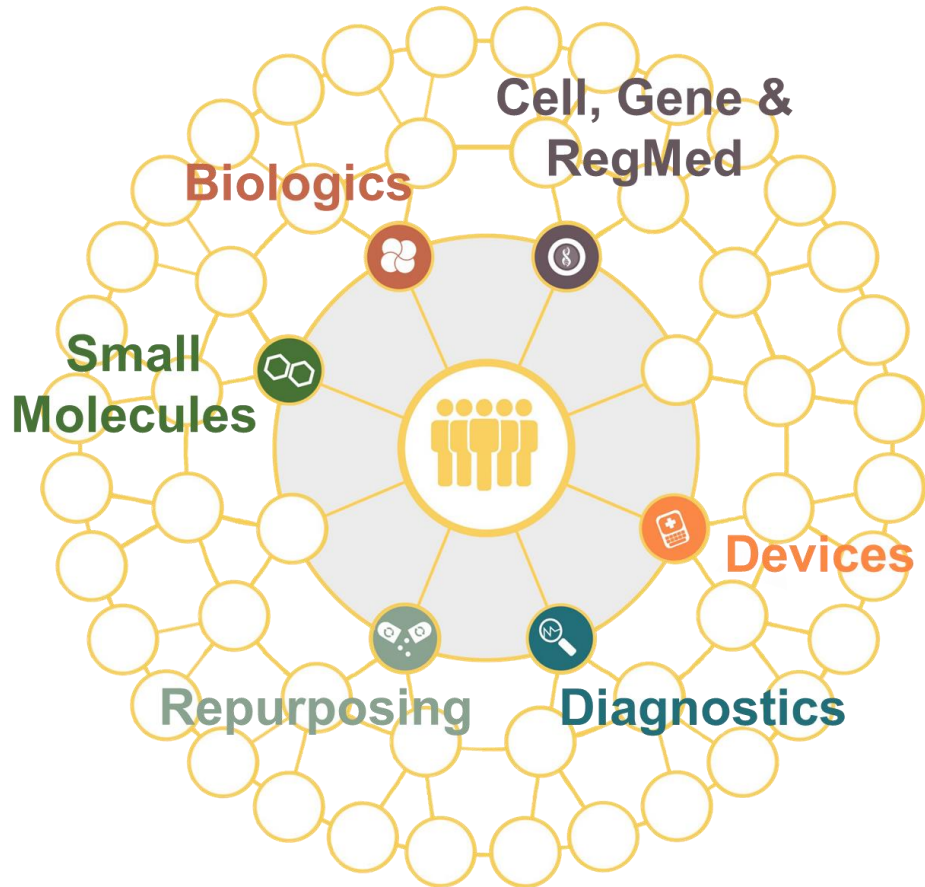
DISTRIBUTION OF PROJECTS BY MODALITY



DISTRIBUTION OF PROJECTS BY DISEASE AREA



Therapeutic Innovation Networks (TINs)



- multidisciplinary networks
 - Knowledge Exchange
 - Training opportunities
 - Funding - PDS
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- Represent UCL strength & depth
 - Position UCL to apply for large grant applications