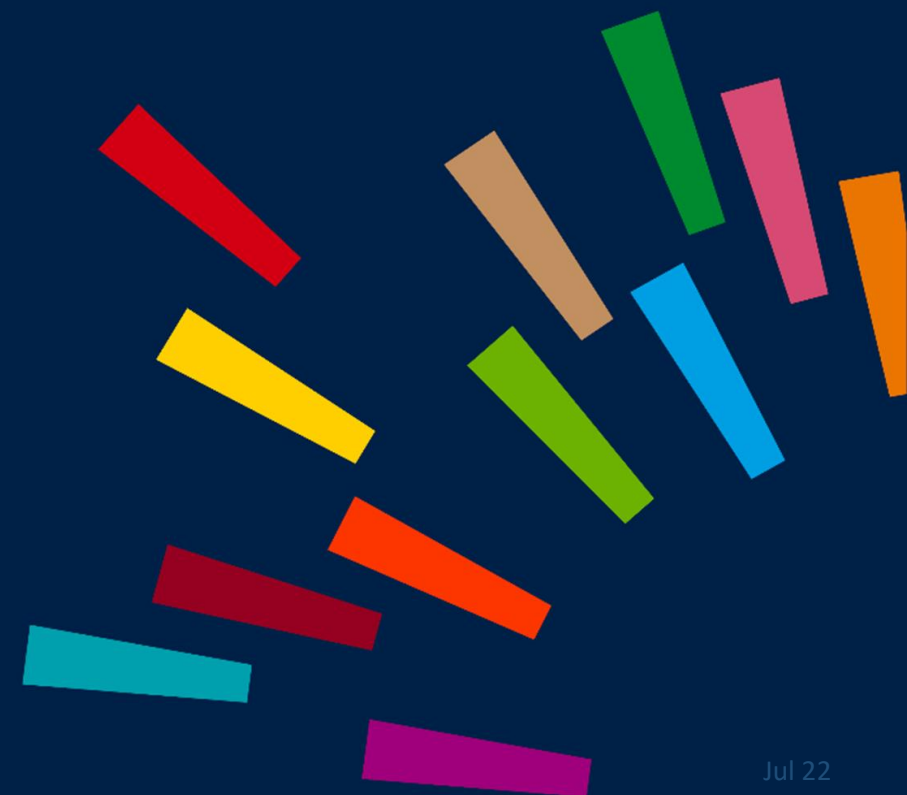


OXFORD UNIVERSITY INNOVATION



Rachel Grovenor
17 October 2024



Commercialisation of Research

Motivations



Rolls-Royce UTC for Solid Mechanics

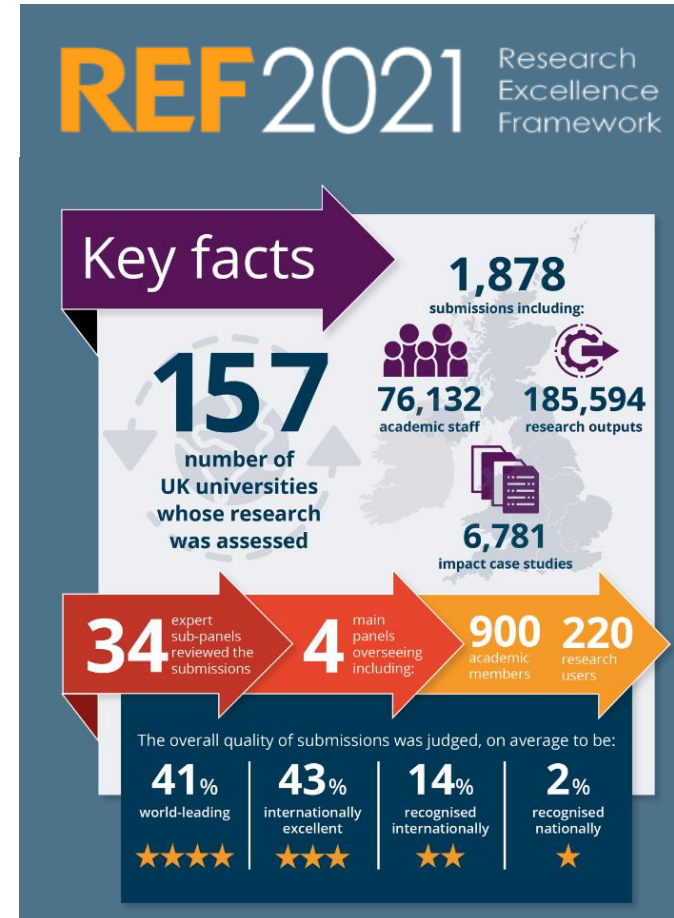
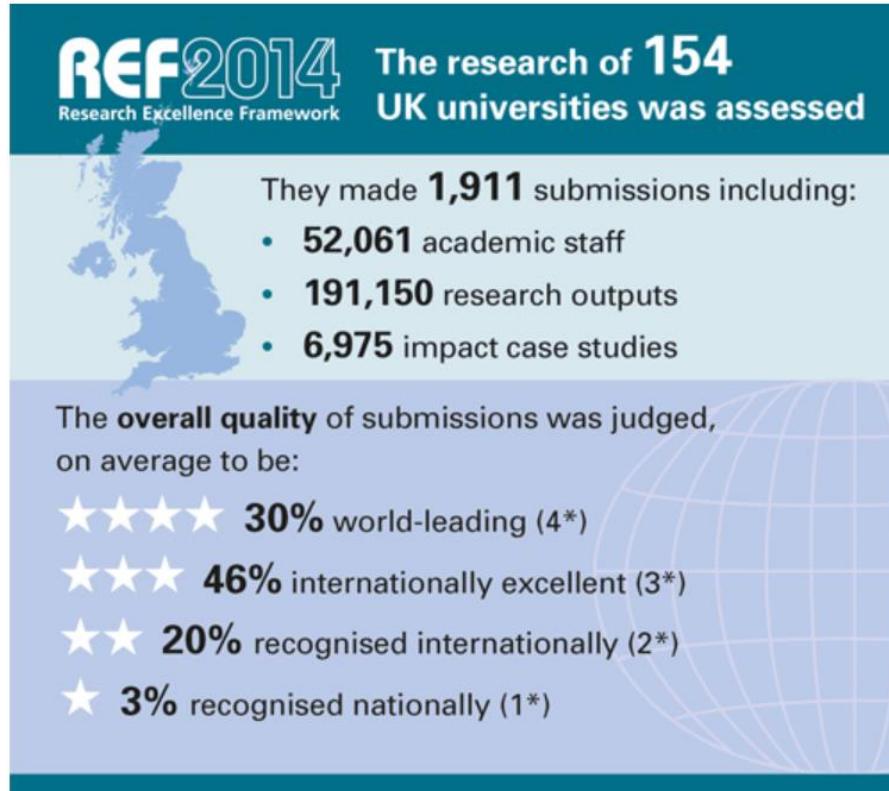
Oxford-ZEISS Centre of Excellence in Biomedical Imaging



Created in 2014 – a system for peer assessment of quality of university research outputs

Research Excellence Framework

Changing the culture



“Impact is any effect on, change or benefit to the economy, society, culture, public policy or services, health, the environment or quality of life, beyond academia”

REF at Oxford

Impact case studies



Quick Facts

12-item questionnaire

25 years in clinical use

Oxford Knee Score and Oxford Hip Score used to assess **120,000** operations in NHS hospitals each year

[impact-report-2023.pdf \(ox.ac.uk\)](https://www.ox.ac.uk/impact-report-2023.pdf)



Quick Facts

>2,000 liver transplants worldwide

50% fewer discarded organs

20% more transplanted livers

>50 publications supporting OrganOx technology

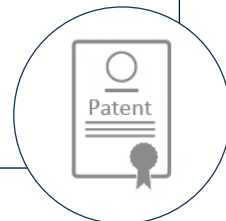
Oxford University Innovation Ltd

Creating global impact from academic discovery and expertise



- **Enabling impact from discovery** through Licensing, IP and Patents, Spinout formation, Material Sales, Clinical Outcomes, Startup Incubator, Social Enterprise creation, Oxford University Hospitals NHS Foundation Trust

Licensing & Ventures



- **Supporting researchers and external partners** to utilise academic expertise and technical services

Consulting Services



- **Enabling ventures to grow from concept to maturity** through Seed Funds, Oxford Investment Opportunity Network, Spinout Equity Management

Funding, Investment & Management





2023*

Maximising the societal and economic impact of Oxford's research and expertise.



£15.9m

Returns to the University



£34m

Total income

Investments and New Ventures



£730.8m

Total funds raised



£32m

Seed funding secured

beacon therapeutics

£96m Record Oxford University spinout launch funding

A leading ophthalmic gene therapy company, launched with a ground-breaking £96m investment to pioneer transformative gene therapies for retinal diseases.

Licensing & Ventures deals



333

Disclosures



66

New patent filings



81

Total deals



907

Academics who started new projects with OUI in FY 2023

Companies formed



20

New companies



16

Spinouts



3

Social Ventures



1

Incubator startup

Consulting Services



652

Contracts with 383 individual (unique) companies



440

New projects

Clinical Outcomes



853

Executed agreements



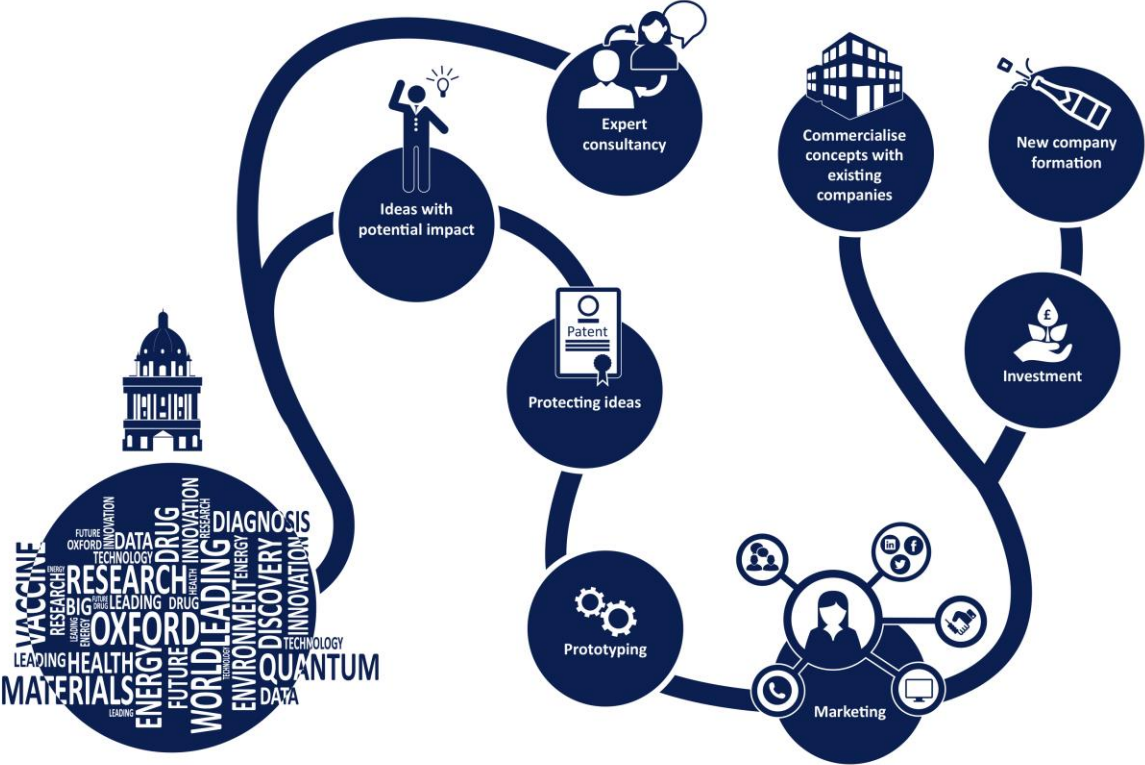
7.5m

Patients given a voice in their healthcare (since 2004)

*Data for the academic year ending July 2023

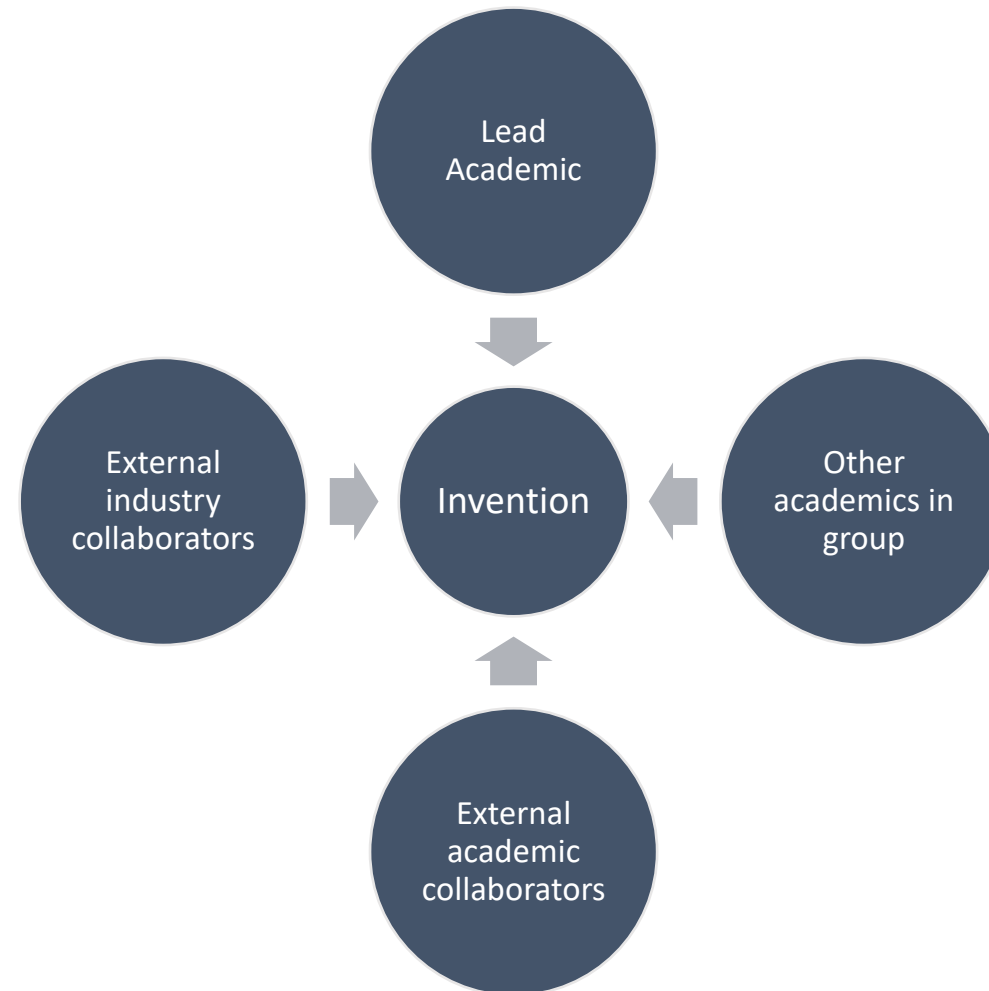
Realities of University Timelines

File first, check later



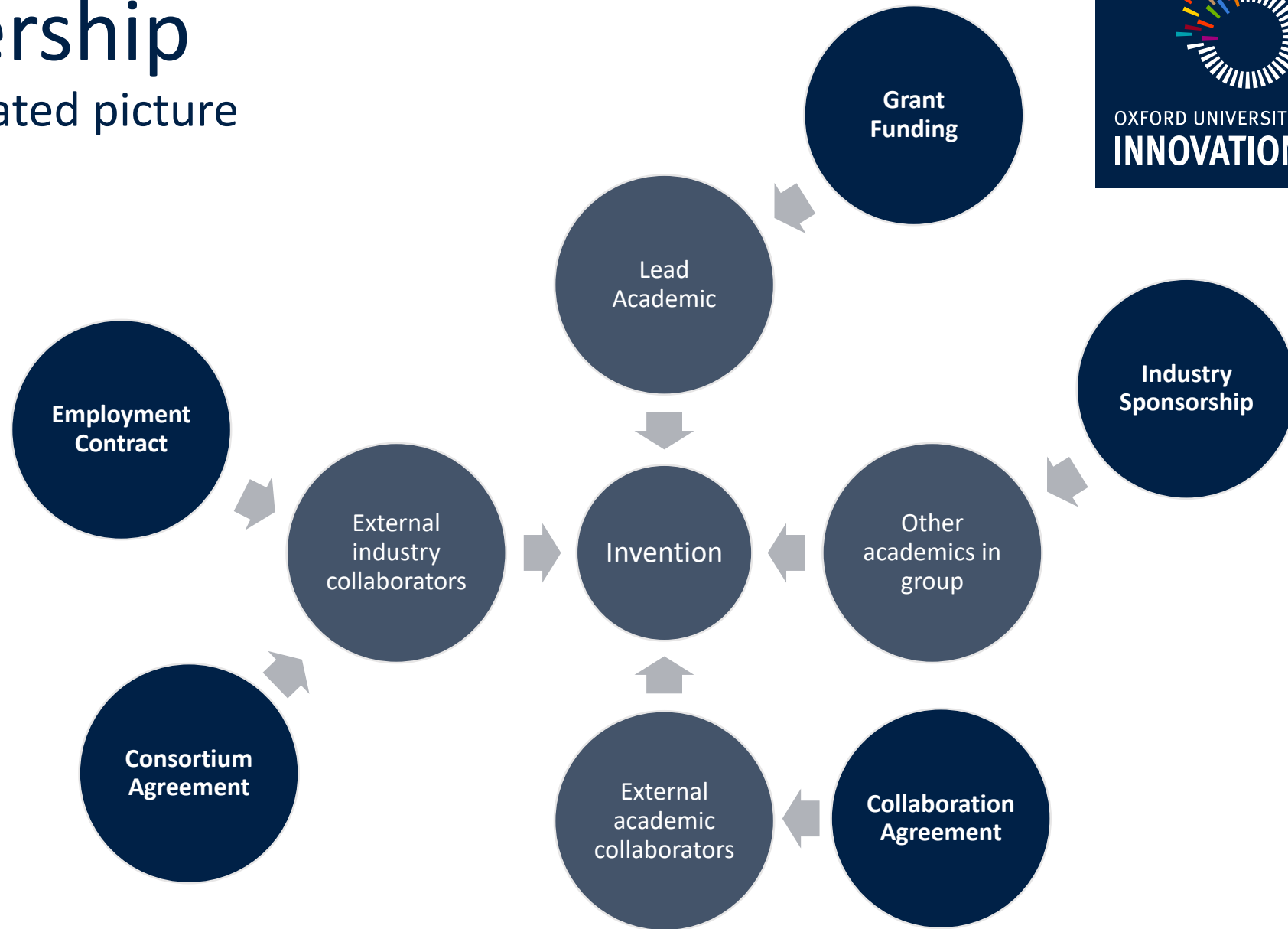
Inventorship

Different to academic authors



Ownership

A complicated picture



Pain Points

For the technology transfer industry



- Significance of different claims being granted
- Signatures, timings and wet ink in particular
- Co-ownership
 - restrictions on licensing without consent
 - freedom for commercial activities without consent
 - ambiguity in deadlock situations across jurisdictions

THANK YOU

Visit: www.innovation.ox.ac.uk



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