

NOCRI

NIHR Office for
Clinical Research
Infrastructure

UK clinical research infrastructure – supporting the development of innovative therapies

Dr Matthew Hallsworth

NIHR Office for Clinical Research Infrastructure (NOCRI)

March 2013

Research and Growth: Strategy for UK Life Sciences



“Life science - and the UK’s role in it - is at a crossroads.

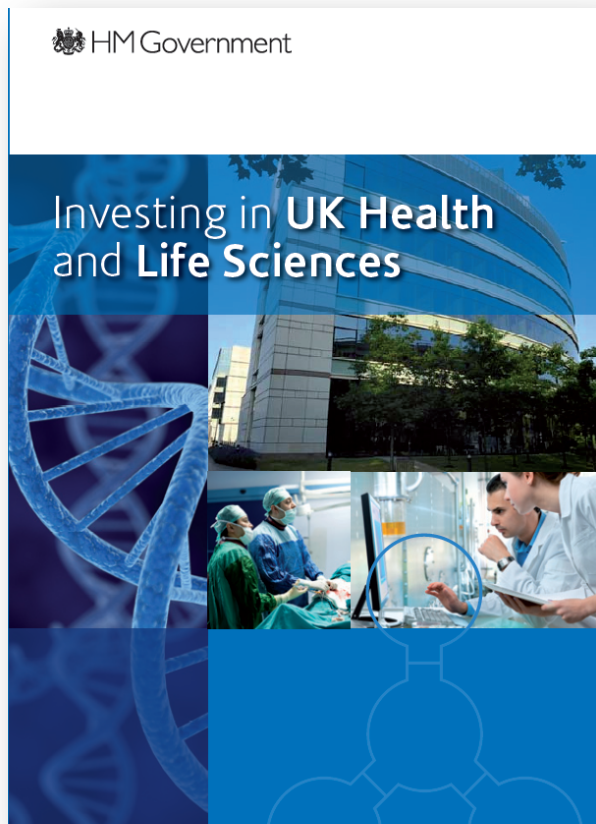
Behind us lies a great history of discovery, from the unravelling of DNA to MRI scanning and genetic sequencing.

We can be proud of our past, but this government is acutely aware that we cannot be complacent about the future.”

David Cameron

December 2011

Research and Growth: Strategy for UK Life Sciences



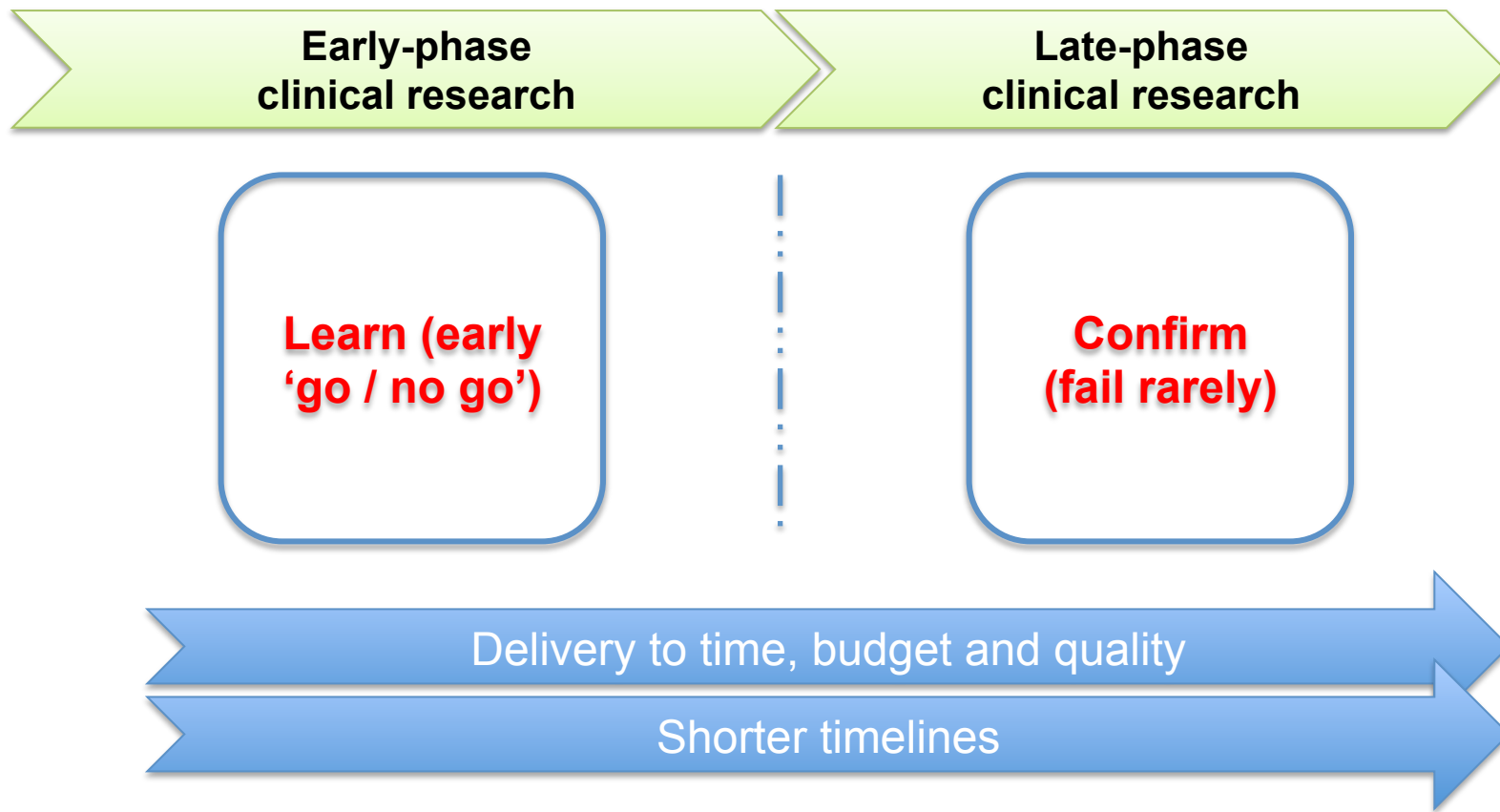
“The old ‘big pharma’ model is becoming more difficult to maintain.

In its place is a new focus on translational medicine - more early stage clinical trials with patients, more external innovation, more collaboration.”

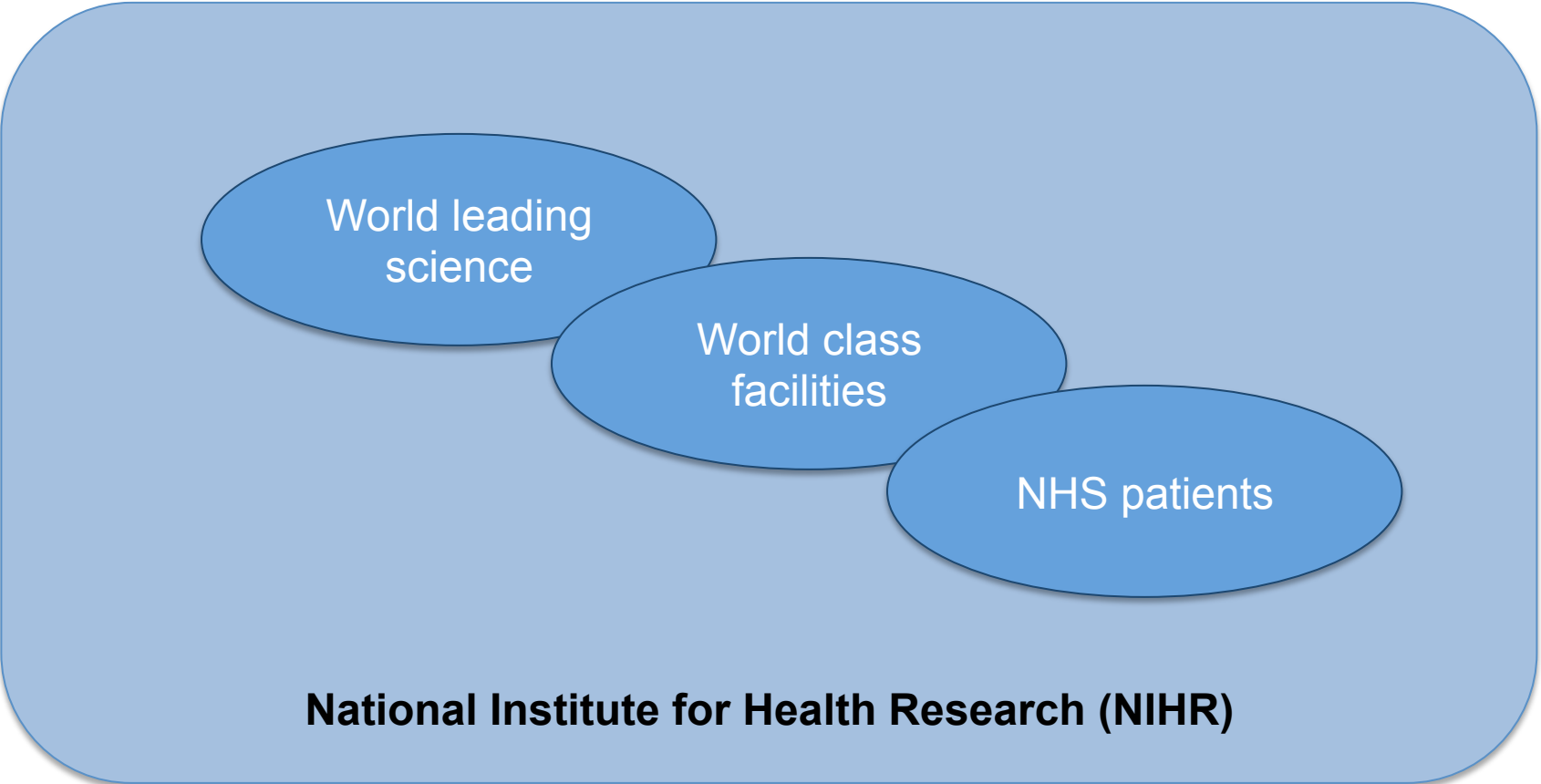
“This is an ambitious strategy to:

- open up universities and business to more collaboration;
- invest in the best ideas at an early stage;
- remove regulatory barriers;
- open up the NHS to new innovations and new clinical trials.”

What is required for the innovation pathway to flow effectively?



What can the UK offer to research partners?



World leading
science

World class
facilities

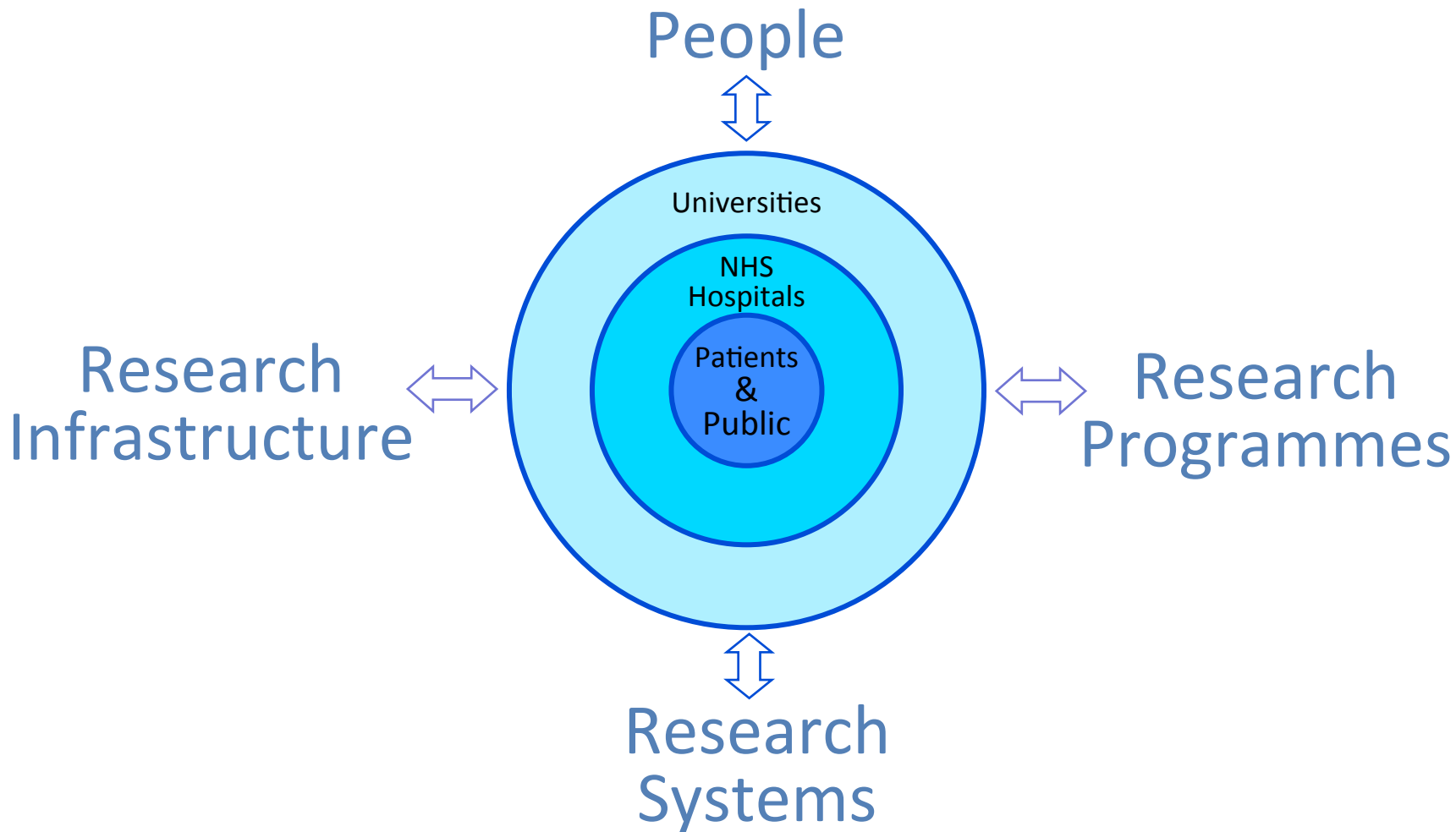
NHS patients

National Institute for Health Research (NIHR)

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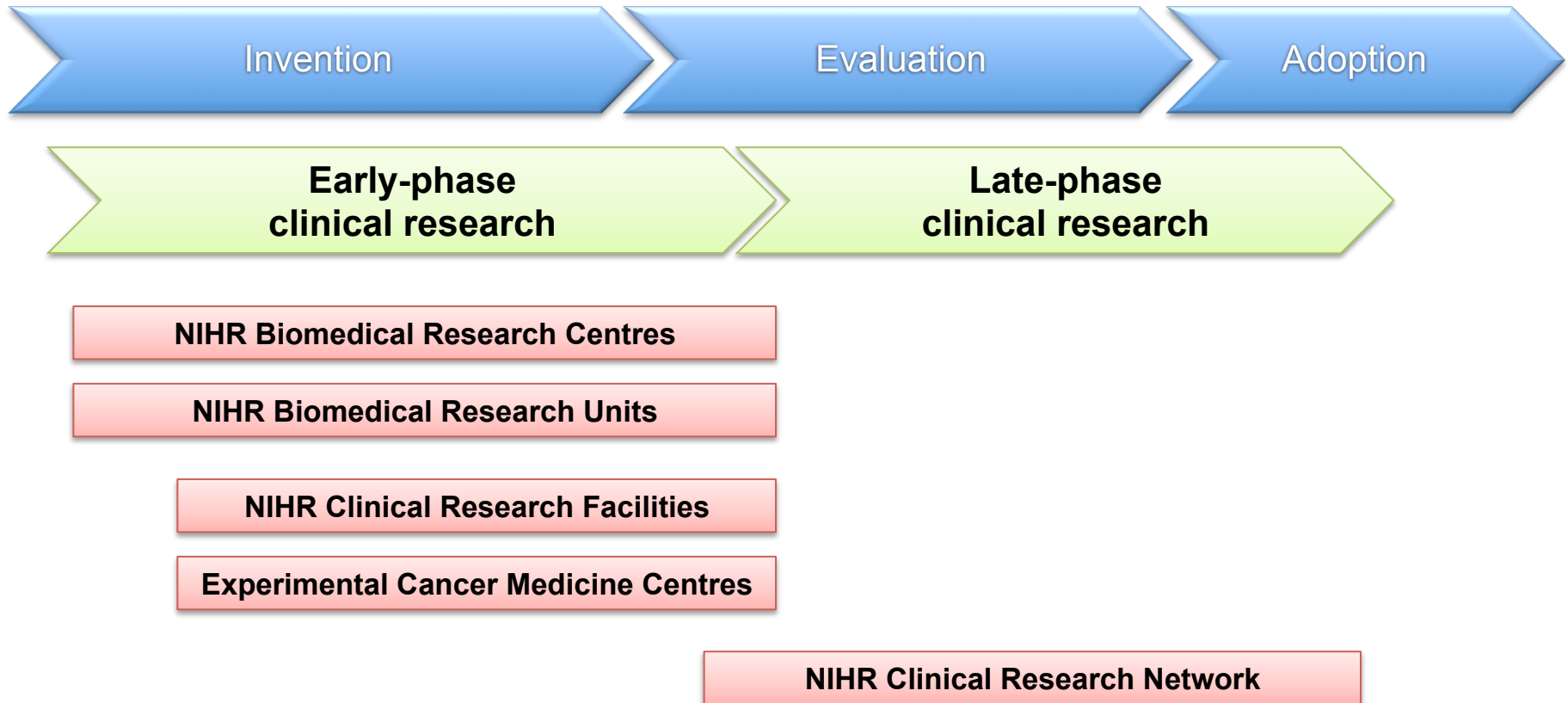
The NIHR Health Research System



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NIHR Research Infrastructure



> £0.5 billion p.a. investment in relevant infrastructure to support clinical research at all points in the development pipeline

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NIHR Research Infrastructure



NIHR Biomedical Research Centres

NIHR Biomedical Research Units

NIHR Clinical Research Facilities

Experimental Cancer Medicine Centres

NIH

- Leaders in scientific translation across a wide range of disease and therapeutic areas
- Based within the most outstanding NHS and University partnerships in the country.
- Provide a direct route to work with leading investigators and clinicians with the expertise to translate fundamental biomedical research into new and improved therapeutic approaches

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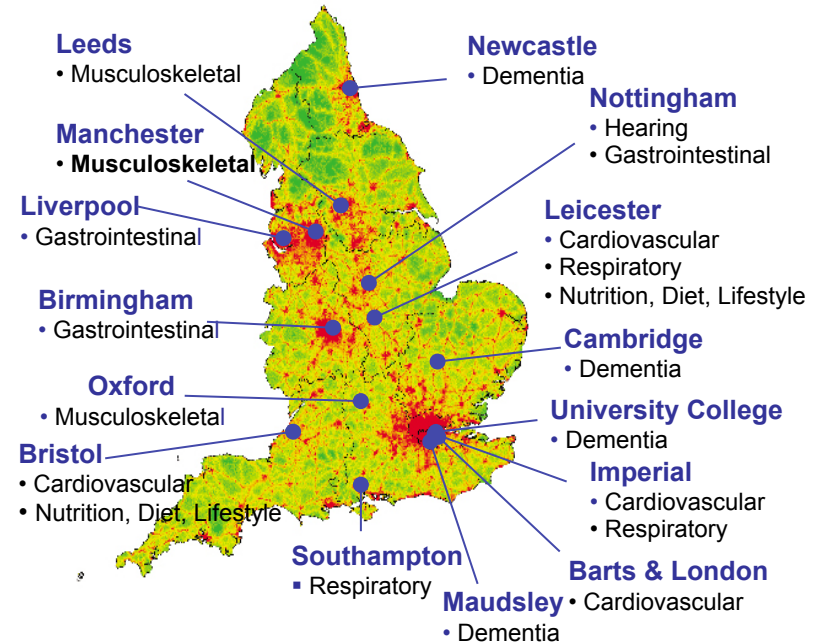
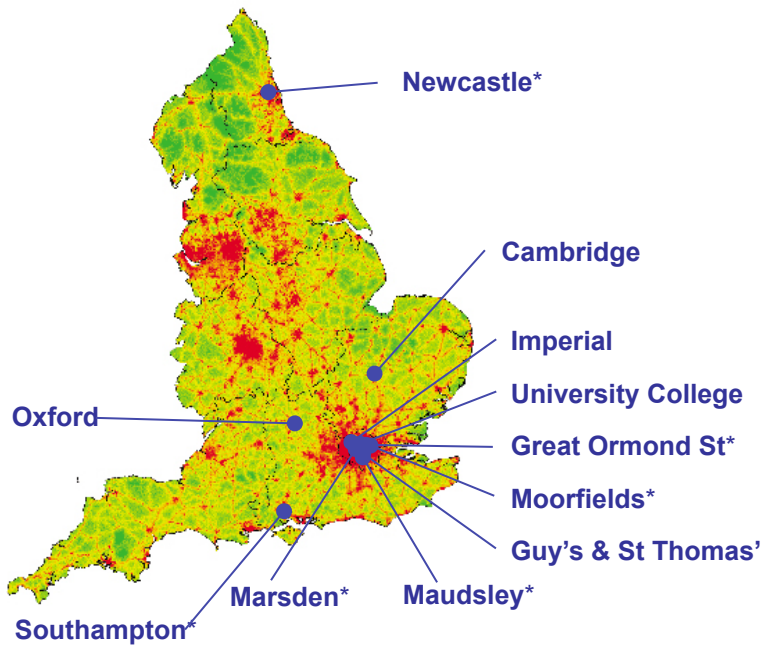
- Dedicated research facilities for early-phase volunteer and patient studies.
- Run by experienced researchers, research nurses and support staff
- Provide assistance throughout the research process from trial design through to data collection and study management.

NIHR Biomedical Research Centres and Units

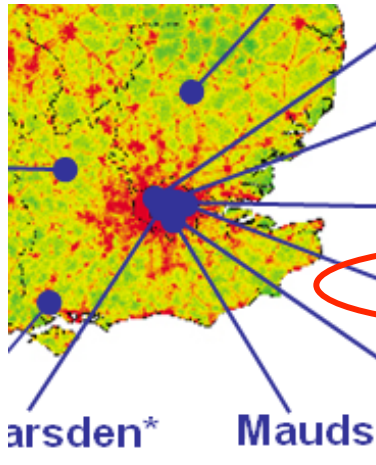
Recent £800million Government investment to support NIHR Centres and Units - the largest ever commitment to early stage health research

NIHR Biomedical Research Centres

NIHR Biomedical Research Units



Making a real difference for patients



Imperial
 University College
 Great Ormond St*
Moorfields*
 Guy's & St Thomas'

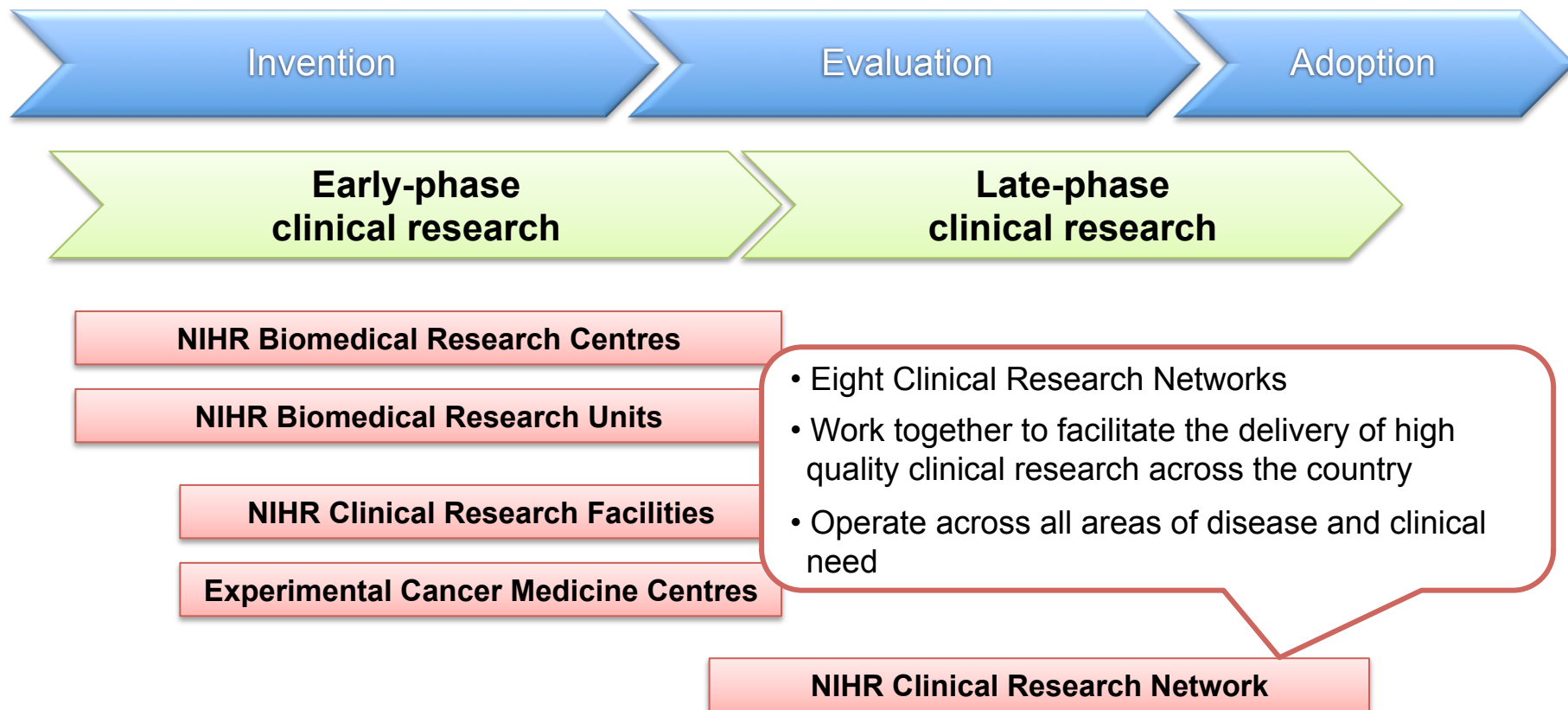


Trials are investigating the safety of using retinal cells derived from stem cells injected directly into the retina to treat people with advanced Stargardt disease, a form of macular degeneration that causes disabling loss of sight in young people. The Moorfields Biomedical Research Centre is collaborating with the US company Advanced Cell Technology (ACT) to undertake the study.

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NIHR Research Infrastructure



Scale of opportunity for research partners

Access via a single point of entry to world class science in world leading institutions and patients across the NHS

NOCRI supports industry through:

- **sign-posting**
- **introductions**
- **establishing collaborations**
- **managing relationships**



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