

***Clinical academic trainee
induction: welcome***

**Professor Alastair Burt
Dean of Clinical Medicine**

History of translational medicine in Newcastle

- **1834**: Medical School opened and began a long history of clinical research in close partnership with Newcastle Hospitals
- **1984**: New Medical School opened - key “step change” was the co-location of all biological (“life”) sciences with medicine
- **1994**: First Research Institute established – “Institute for Health of the Elderly”
- **2006**: Faculty-Trust R&D partnership formalised with the creation of “**Newcastle Biomedicine**”
- **2008**: Faculty restructuring with all research organised into Research Institutes

“Newcastle Biomedicine joins Newcastle University with the Newcastle Hospitals NHS Foundation Trust and embraces other academic institutions and NHS hospitals in the North East of England”

Newcastle University has announced a plan to help the region's businesses deal with the credit crunch, including passing on savings from the recent reduction in VAT.

we are a world leading collaboration of research scientists, engineers, medical doctors and teaching professionals who deliver undergraduate and postgraduate teaching in medicine, dentistry and health sciences.

We are a recognised national centre of excellence who bring together internationally respected research in clinical care, basic science and engineering in an innovative environment. We excel in tackling challenges in health and healthcare.

"Newcastle Biomedicine embodies the close partnership between the University and the NHS; it strongly reflects the University's mission to play a leading role in the economic

“Our research strategy is to support strong basic science that translates to clinical research for the benefit of patients by encouraging collaborative working between scientists and clinicians across disciplines and specialties”

according to research published in the British Journal of Cancer.

[>> full story](#)

benefits for patients being treated in our partner NHS Trusts. This strategy has already led to major advances in the healthcare of patients within the region, as well as nationally and internationally."

Prof Chris Day
Director
Newcastle Biomedicine



[>> more news](#)

We cover all the “big questions” facing medical research in the 21st Century

- Integrated understanding of cell biology (ICaMB)
- Biology of humans in health and disease (ICM, IAH)
- Neuroscience, including cognition (IoN, IAH)
- Ageing (IAH)
- Genes, environment and health (IHG,IHS))
- Infection (ICaMB)
- Cancer (NICR)

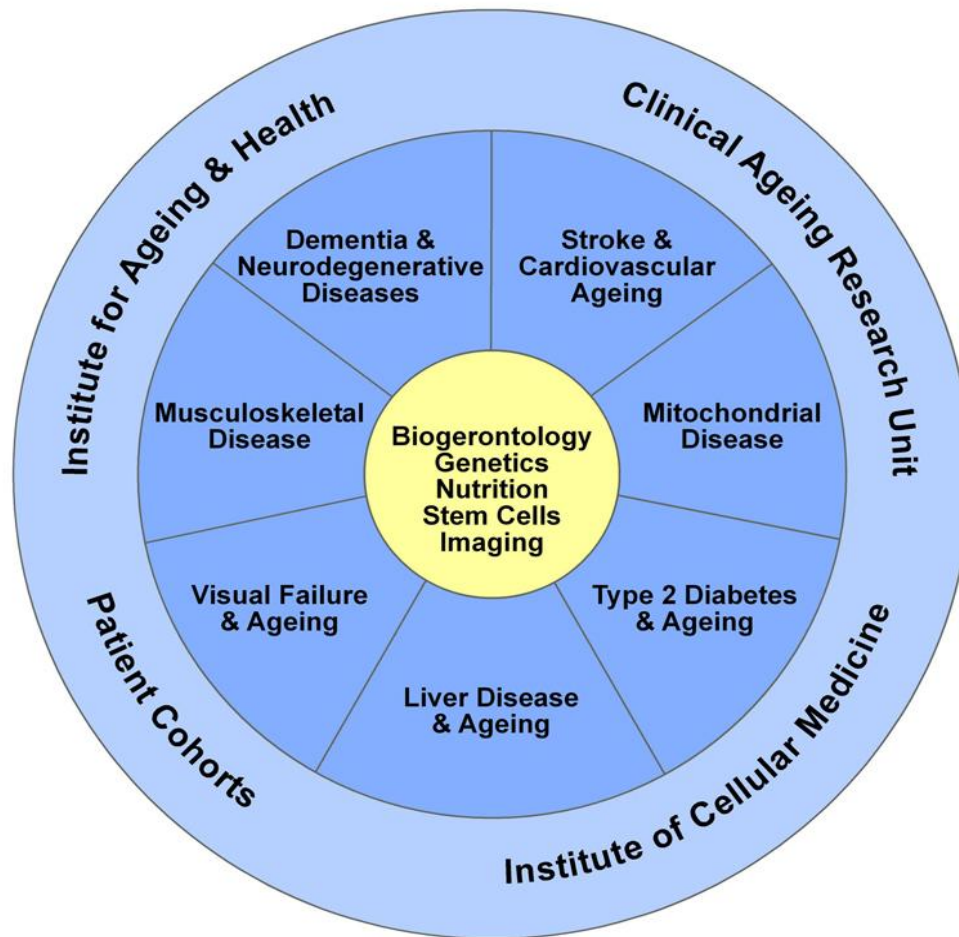
*Sir Mark Walport , Director of the Wellcome Trust
speaking in Newcastle, December 2008*



RAE 2008: Research Power Results

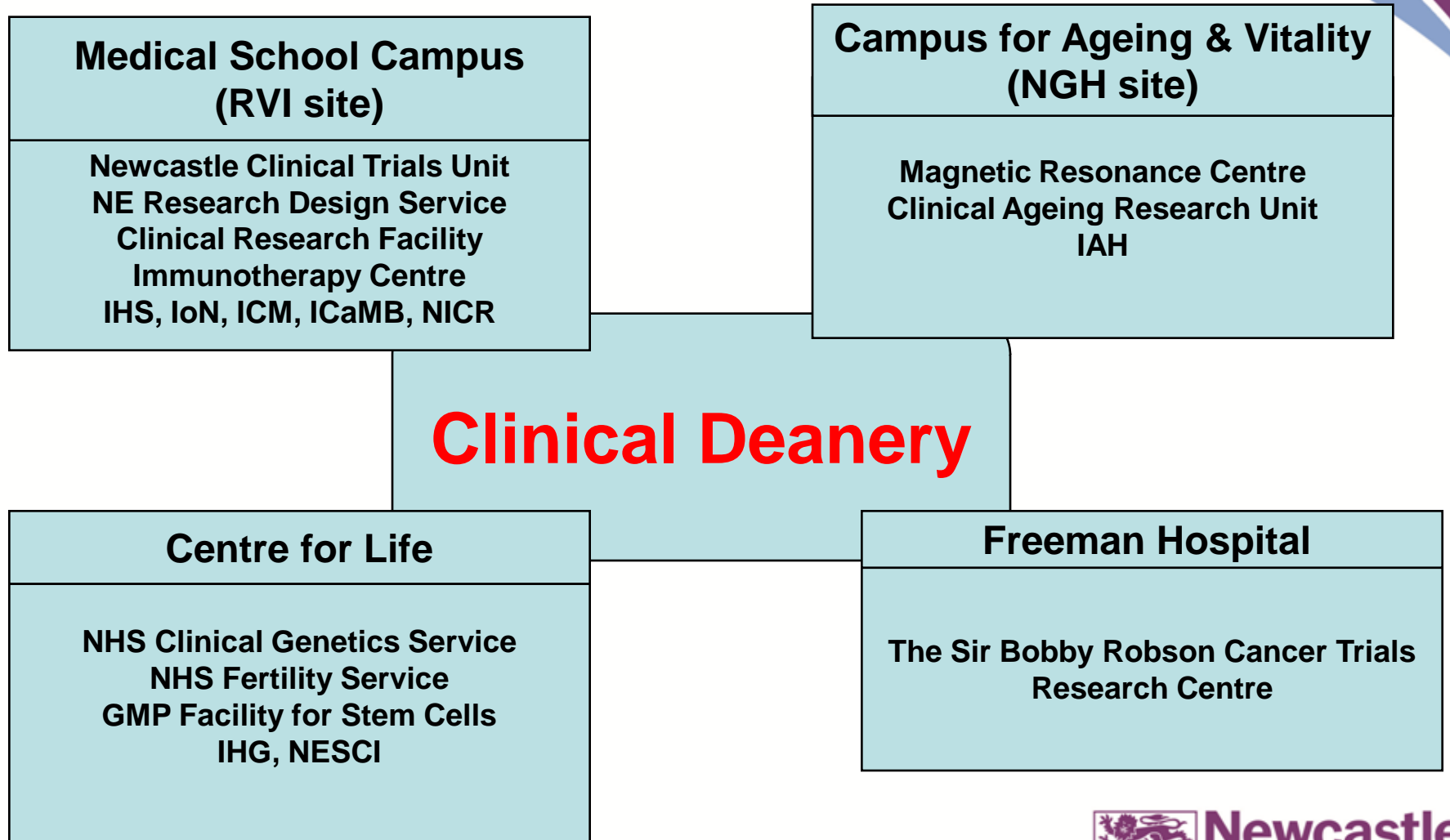
Unit of Assessment	Position
Hospital-based medicine (IAH/ICM/IHG)	5 th
Lab-based medicine (IHG/NESCI)	4 th
Dentistry (ICM, IAH, IHG, IHS)	6 th
Psychiatry and Neuroscience (IoN,IAH)	7 th
Cancer* (NICR)	10 th
Medicine combined	6th

Newcastle Biomedical Research Centre



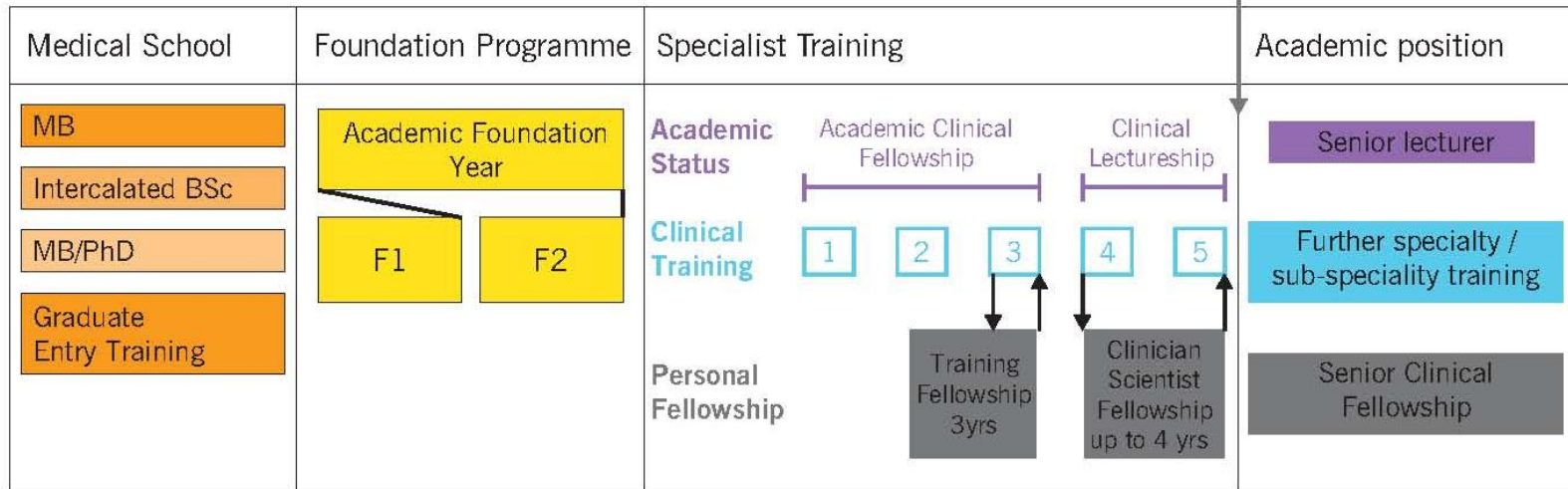
"We aim to translate basic biomedical research into excellent clinical research for the benefit of patients, focussing on ageing and age-related diseases"

Clinical Research Platforms



Clinical Academic Training

INTEGRATED ACADEMIC TRAINING PATH → CCT



The timings of personal fellowships are indicative - there should be flexibility according to individual career progression