



Institute of
Translational
Medicine

Birmingham



Institute of Translational Medicine

The new Institute of Translational Medicine is a world-class clinical research facility that will be located in the original Queen Elizabeth Hospital in Edgbaston, next to the new Queen Elizabeth Hospital Birmingham and the University of Birmingham Medical School.

The ITM is delivered by Birmingham Health Partners, which brings together the clinical, scientific and academic excellence of University Hospitals Birmingham NHS Foundation Trust, the University of Birmingham and Birmingham Children's Hospital NHS Foundation Trust, as well as the Department for Business Innovation and Skills.

The ITM's vision is to use pioneering science to accelerate the delivery of personalised healthcare. It aims to cure disease and save lives by applying transformative science and technology and by educating and training the healthcare workforce.

The ITM will engage widely with industry and play a pivotal role in supporting the expansion of life sciences research and education in Birmingham and the wider West Midlands region.

What is Translational Medicine?

"A discipline within biomedical and public health that aims to improve the health of individuals and the community by 'translating' early research findings into diagnostic tools, medicine, devices, procedures, policies and education."¹

¹en.wikipedia.org/wiki/Translational_medicine



Key thematic areas

The ITM hosts five key thematic areas involving internationally-renowned clinical and non-clinical academics conducting integrated research programmes:

- Cancer.
- Devices and Diagnostics.
- Rare Diseases.
- Auto-immune Disease.
- Chronic Disease (non-Cancer).



Academic

The ITM will focus its activities in these areas of research and will complement existing areas of expertise in basic science and clinical research across the Birmingham Health Partners (BHP). Although an important new development in translational research and education for Birmingham, the ITM is only one component in a large and already highly successful programme.



Industry

An essential function of the ITM is to create an effective entry for industry partners (e.g. Pharma, Diagnostics, Medical Devices and Digital Health) into the complex world of healthcare research and routes to market.

This endeavour is supported by the WM AHSN which provides region-wide access. The ITM will house, in one facility, all the components for successful translation. Following an initial meeting with senior ITM staff, potential partners will meet other ITM groups as required and be advised in detail around financing, early phase clinical trials, IP protection, regulatory support etc.