

The University of Manchester Faculty of Biology, Medicine and Health

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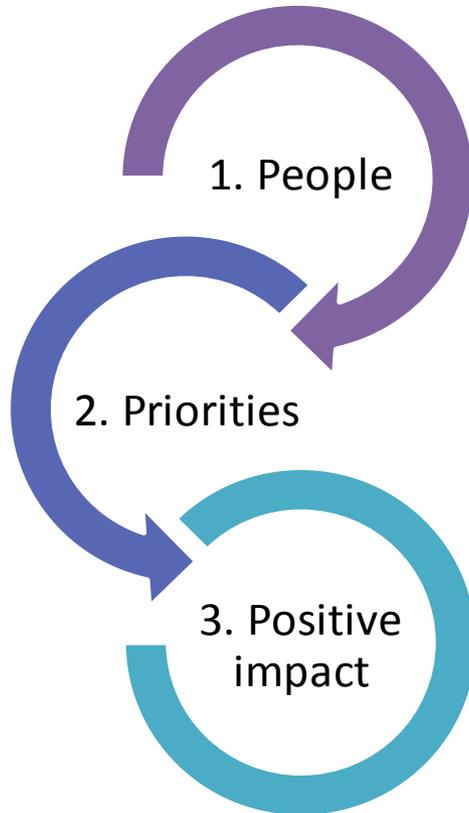


Faculty research vision

undertake world-class discovery science,
develop effective clinical translation,
facilitate implementation of advances in healthcare
for the benefit of society in Manchester, the UK and across the globe



Our research and innovation strategy



We will support & develop our researchers to achieve their ambitions & our vision

We will achieve international research excellence in key areas by building on current strengths and by identifying & developing emerging areas

We will deliver positive societal impact from our research by maximising its translation & implementation

Goal 3. Positive impact

We will deliver positive societal impact from our research by maximising its translation & implementation

Translational research:

- activity originating from discoveries in fundamental science (including population health, methodological research, epidemiology, applied health research, etc)
- then moving through a pipeline that encompasses hypothesis testing and elucidation of disease mechanisms, preclinical research in animal models, through to clinical trials in humans of new drugs, devices and diagnostic procedures
- ultimately delivery and adoption within the NHS and third sector organisations.



MRC Confidence in Concept 2019

Aim: to accelerate the transition from discovery research to translational development by supporting preliminary work or feasibility studies to establish the viability of an approach

Strategic priority areas

1. Development of diagnostics through biomarker development and validation.
2. Identification and validation of new therapeutic approaches for disease-relevant pathways in preclinical models and early phase clinical studies.
3. Utilisation of digital healthcare technologies.
4. Interdisciplinary multimorbidity research.
5. Advanced materials and biomaterials in medicine.

