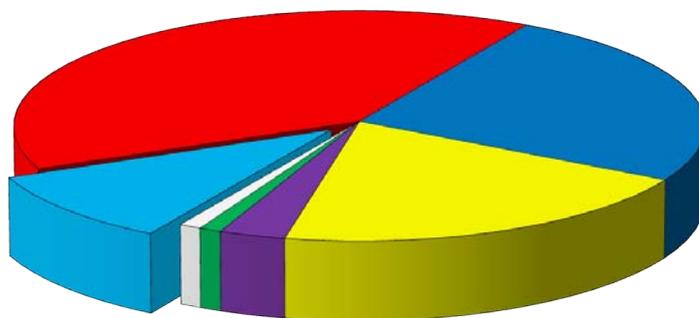


The University of Manchester Faculty of Life Sciences

In the Faculty of Life Sciences our focus is on achieving impact. Our innovative process to recognise impact has created a culture where researchers, support staff and students actively seek ways of achieving impact ranging from public engagement to commercialisation.

The Faculty of Life Sciences has approximately 270 academic staff, who undertake research and teaching. Our activities embrace every aspect of the life sciences. This breadth, combined with research excellence, provides a platform for impact on health, wealth and society.



Faculty impacts include the formation of spin-out companies, new product development, provision of state-of-the-art equipment and services, working with industrial partners to solve problems and improve performance, training and updating skills and influencing national and international policy as well as engaging school children and the general public.

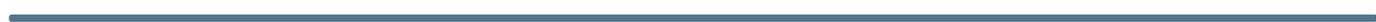
- Business Development
- External Activities
- Faculty Management
- Professional Development
- Public Engagement
- Research
- Teaching

Recognition and reward: contribution mapping is now embedded within the annual development review cycle

Delivering Impact

The Faculty’s strategy has been to focus both on the promotion of activities that have impact, and to recognise and support the individuals who undertake them. A key tool in achieving this has been contribution mapping. This is a powerful method for recognising efforts made in ‘non-traditional’ activities such as business development, public engagement and external roles. This tool has given us a structured way to emphasise the value and diversity of these important activities. The Faculty has a dedicated team of Business Development Managers, communication experts and technical staff to support their activities in tandem with the academic leadership provided by Associate Deans for Business Development and Social Responsibility. The Faculty has also improved channels of communication to share best practice.

A striking feature of recent culture change has been the enthusiasm with which academics have embraced opportunities to ensure that their research has maximum impact. Our support staff, research staff and students also proactively engage in activities that have broad impact. To ensure this enthusiasm is sustained, we have embedded a culture that values impact within our day-to-day activities. We have achieved this by putting sustainable support structures in place and by ensuring impact of all types is recognised and rewarded through performance and development review.



Optimising experimental design

The Faculty has crafted advanced courses for students and professionals, including Home Office Animal (Scientific Procedures) Inspectors and Named Veterinary Surgeons with the objective of driving continual improvements in animal experimental design. The aim is to enhance the productivity of research while also delivering welfare benefits and excellence in *in vivo* biology. The courses equip participants with a solid foundation for excellence in experimental design and interpretation, and the training required to maximise the quality and relevance of scientific research.



Training researchers and professionals in experimental design and statistical analysis of biomedical experiments

New anti-infective technology

Ai2, a Faculty spin-out company founded by Curtis Dobson, is developing peptides as infection control agents for medical devices such as urinary catheters and wound dressings. Ai2's patented technology offers anti-infective activity against bacteria, viruses and fungi. It will not cause immune reactions from patients and is less likely than chemical methods to become ineffective through resistance. The new company employs six staff and has an investment valuation of approximately £3M. Ai2 recently signed a major development and licensing agreement with Sauflon Pharmaceuticals with further deals in the pipeline. Curtis' business development activities are fully supported by the Faculty, and include his secondment to the company for up to 75 % of his time.



Ai2 has developed anti-infective coatings based on a human protein for use in contact lenses and other medical devices

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BBSRC
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2011



The BBSRC Excellence with Impact 2011 scheme ran from 2008 to 2010. It was developed to reward and esteem those university departments most active in embedding a culture that recognises and values the achievement of impact alongside excellent research.