



The background of the entire page is a microscopic view of numerous green, rod-shaped bacteria. The bacteria are in various orientations and focus, creating a sense of depth and movement. A solid brown horizontal band is positioned across the upper portion of the image, containing the text 'LIFE SCIENCE' in white, bold, uppercase letters. The word 'Revolution' is written in a white, sans-serif font, centered below the brown band. In the bottom right corner, the number '83' is printed in a small, white font, with a small white bracket-like symbol below it.

**LIFE SCIENCE**

Revolution

# Life Science Revolution

**Earlier this year, Sir Mark Walport, Director of the Wellcome Trust, hailed what he termed a 'medical revolution' taking place in Dundee.**

**S**ir Mark was referring to the research, diagnosis and treatment of diabetes in Dundee, where we have over 25 research groups working on the disease and where we know more about our diabetic population than almost anywhere in the world.

What has happened here with diabetes research and treatment is an excellent example of the impact our life and medical sciences base is having. 'Impact' itself is a central tenet of what we are trying to achieve at the University of Dundee, delivering research and knowledge that has benefits for the wider society.

The University's achievements in this area have been widely recognised this year. Our College of Life Sciences registered a double win at the 2011 BBSRC (Biotechnology and Biological Sciences Research Council) Awards, where Dundee was first for 'Greatest delivery of impact' while Professor Jason Swedlow was named 'Innovator of the Year'.

Dundee is in the world's top 100 universities for both medicine and biological sciences, ranked number one in the world for research in pharmacology, and once again we were named the UK's 'Best Place to Work in Academia', and one of the world's best, in the annual worldwide survey compiled by the influential US-based magazine *The Scientist*.

With more than 800 staff and research students and external funding in excess of £30m per year, the College of Life Sciences is one of the largest and most productive research institutes in Europe. It has an international reputation for excellence in life sciences and carries out world-leading medical research into a number of diseases including cancer, diabetes, cardiovascular disease and tropical diseases.

The University's top-rated School of Medicine boasts one of the largest medical research complexes in the UK. Its guiding principle is to develop and maintain excellence in research within an environment where interdisciplinary teams work together to tackle fundamental problems in human health.

Investment in teaching and facilities helps ensure graduates from the College of Life Sciences and School of Medicine go on to make an exceptional contribution to their fields.



All of this has helped make the University a central hub for a multi-million pound biotechnology sector in the east of Scotland, which now accounts for 16 per cent of the local economy.

We continue to attract people from all over the world to come and work in Dundee, where they join an extremely strong research base at the University and help maintain our position as an international centre of excellence.

This all complements the University's core academic and research activity,

which itself has drawn major accolades – one of the world's top 150 universities (THE) and first in Scotland and fifth in the UK for student experience (THE).

This is a pattern that is repeated among some of our contemporaries in higher education in Scotland. The country has an extremely strong position in life and medical sciences, one which not only produces work of great scientific value but has a social and economic impact right across Scotland and beyond.

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