# Biotechnology and Biomedical Engineering

Biotechnology and Biomedical Engineering are truly interdisciplinary in nature. Biotechnology aims to develop life science-based products or processes for the agricultural, food and medical industries. Biomedical Engineering aims to gain insight and understanding of biological and biomedical mechanisms and use this knowledge to develop processes and devices for human health or clinical and biomedical industries. Advances in these disciplines requires a range of expertise in biology, life sciences, medical and clinical science, engineering, mathematics, physics, chemistry, and the social sciences to cite a few.

The aim of this GRP sub-theme is to promote and encourage such interactions and collaborations across the Warwick community to facilitate the development of next generation products and processes in Biomedical Engineering and Biotechnology. The research activities we support will enable better well-being, prevention, screening, diagnosis, monitoring, treatment, rehabilitation and end-of-life management.

To support our vision, we propose a range of activities to establish and promote interdisciplinary interactions among and across different disciplines, in order to respond to the needs arising from an ever-growing and ageing population. We will also promote current research excellence nationally and internationally through interactions with internal and external partners.


# HEALTH

**Bringing different disciplines together to improve human health**

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GLOBAL RESEARCH PRIORITIES