



UNIVERSITY OF BIRMINGHAM

College of Medical and Dental Sciences
Edgbaston
B15 2TT, Birmingham

birmingham.ac.uk

Project leader



Prof. Jon Frampton

Phone +44 (0)121
414 6812

[E-Mail](#)

Project staff

Dr. Jane Steele

Phone +44 (0)121
414 7668

[E-Mail](#)

**Prof. Timothy Barrett**Head of Biological
MaterialsPhone +44 (0) 121
333 9267Fax +44 (0)121
333 9272[E-Mail](#)

Institute presentation

The College of Medical and Dental Sciences (CMDS) at the University of Birmingham is at the forefront of medical, pharmacy, health and dentistry research. It delivers world leading research activities to develop and nurture excellence in basic and clinical science, and to ultimately improve human health.

The CMDS research portfolio is structured around seven key research domains:

- Cancer
- Genetics and Development
- Health and Population Sciences
- Cardiovascular, Respiratory and Neurological Sciences
- Endocrinology and Metabolism
- Dentistry
- Immunity and Infection

Each domain is allied to a range of clinical specialties through which the College links its basic research to translational endpoints. CMDS takes great pride in its interactions with the local NHS environment which enables rapid movement from laboratory discovery to patient benefit, fostering new therapeutic and healthcare innovations by creating a truly integrated environment for researchers and clinicians.

The College has encompassed some major developments, expansion and improvement to its facilities and research activity in recent years. This includes a £35m Institute of Biomedical Research, the state-of the-art Advanced Therapies Facility which includes a new purpose built HTA-compliant biorepository (Human Biomaterials Resource Centre), cell and gene therapy pharmacy, and commercial spin out laboratory.

In 2012, the College secured high quality laboratory and clinical research facilities within the new University Hospitals Birmingham NHS Foundation Trust (UHBFT) Queen Elizabeth Hospital, for Translational Inflammation Research and will support the newly awarded Medical Research Council (MRC) Arthritis Research UK (ARUK) Centre in Musculoskeletal Ageing.

In 2012 government funding was also announced for the development of an Institute of Translational Medicine in Birmingham in collaboration with UHBFT, bringing Birmingham into the forefront of international translational medicine research.

