

## About



The School of Clinical and Experimental Medicine plays a major role in the research and teaching carried out by the College of Medical and Dental Sciences and brings together extensive expertise in a wide-ranging field of biomedical sciences with an integrated clinical and basic science portfolio, associating excellence in research, education and clinical leadership.

**Research** (<http://www.birmingham.ac.uk/schools/cem/research/index.aspx>) in basic and clinical sciences in these areas is fully integrated in the School, which offers state-of-the-art facilities, including the Institute of Biomedical Research and the Wellcome Trust Clinical Research Facility .

The School also has significant links with major NHS Trusts in the region including **University Hospitals Birmingham NHS Foundation Trust** (<http://www.uhb.nhs.uk/>) (with the new Queen Elizabeth Hospital opened in June 2010 adjacent to the College, a 1200 bed, £50+ million initiative, representing a major opportunity for clinical translation of basic science research), and within a number of other NHS Trusts, including **Birmingham Children's Hospital** (<http://www.bch.org.uk/>), **Birmingham Women's Hospital** (<http://www.bwhct.nhs.uk/>), the **Heart of England** (<http://www.heartofengland.nhs.uk/>), **Sandwell and West Birmingham** (<http://www.swbh.nhs.uk/>) and the **Birmingham and Solihull Mental Health NHS Trusts** (<http://www.bsmhft.nhs.uk/>), ensuring that our research, practice and strategy are well linked with all of our neighbouring NHS Trusts.

**Teaching** (</schools/cem/education/index.aspx>) takes advantage of the range of research expertise available to deliver the highest standard of instruction to both **undergraduates** (</schools/cem/education/undergraduate/index.aspx>) and to **postgraduates** (</schools/cem/education/postgraduate/index.aspx>). Postgraduate qualifications are available in the form of **MPhil/PhD by research** (</schools/cem/education/postgraduate/pg-research.aspx>), **MD by research** (</schools/cem/education/postgraduate/pg-research.aspx>) and **taught Masters** (</schools/cem/education/postgraduate/index.aspx>) (MSc). New Pharmacy education programmes include a **DPharm** (<http://www.birmingham.ac.uk/students/courses/postgraduate/combined/med/dpharm.aspx>) for registered pharmacists who are experienced practitioners and a recently established **MPharm** (<http://www.birmingham.ac.uk/students/courses/undergraduate/med/pharmacy-5-year.aspx>) course.

The School is host to four Research Centres:

- **Centre for Cardiovascular Sciences** (</research/activity/mds/centres/cardiovascular/index.aspx>)
- **Centre for Endocrinology, Diabetes and Metabolism** (</research/activity/mds/centres/cedam/index.aspx>)
- **Centre for Obesity Research** (</research/activity/mds/centres/obesity/index.aspx>)
- **Centre for Rare Diseases and Personalised Medicine** (</research/activity/mds/centres/rare-diseases/index.aspx>)

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