



## School of Medicine

**The School of Medicine aspires to be world-class, to generate and sustain excellence in education and research in a friendly, supportive and stimulating academic environment. The School is recognised for its innovative and distinctive professional and taught programmes with a significant and increasing international dimension.**

### Teaching:

The School of Medicine is renowned for pioneering teaching methods and superb facilities for undergraduate study in Medicine, Dentistry and Nursing.

We have one of the largest and most prestigious Medical Schools in Europe and are leading the UK with one of the most important innovations in the teaching of medicine - a unique undergraduate curriculum that utilises problem-based learning techniques.

The aims of the Medical Undergraduate programme in Glasgow remain to produce highly trained, competent clinicians who are equipped for the Foundation training programme, for higher training and the challenges of Medicine in the 21st century. Glasgow graduates will continue to be highly respected and successful doctors, active in every aspect of Medicine (including academic and research) and in every corner of the world.

The Dental School is the second largest in the UK and provides comprehensive up-to-date facilities for patient care, student clinical practice and training and for education and research in dental and oral diseases and disorders.

Our Nursing & Health Care School was established with the aim of producing Graduate Nurses who were grounded in health related scientific theory and now has a national and international reputation for nursing education and research with patient/client as the focus of health care.

### Research:

The School of Medicine is the largest of the ten institutes and schools of the College of MVLS. In partnership with the College's research institutes, we contribute to innovative and distinctive basic science, translational and clinical research programmes in medicine, dentistry and nursing and healthcare that are based on interdisciplinarity and a multi-professional approach. We have one of the largest and most prestigious medical schools in Europe with over 170 postgraduate research students involved in a wide range of research subject areas including human nutrition, paediatric endocrinology, cancer biomarkers as well as research in medical education and e-learning.

The interface with our NHS partners is critical to the College's research strategy and comprises a key element for translating basic science discoveries into clinical practice with clear societal benefits.

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The School of Medicine has a number of staff with strong links into industry such as –

## Professor Scott Nelson , Muirhead Chair of Reproductive and Maternal Medicine

Professor Scott Nelson is on the Global Advisory Boards for the three major pharmaceutical companies that have therapeutic agents for assisted conception; Ferring Pharmaceutical, Merck Serono and MSD and three diagnostic companies; Beckman Coulter, Roche Diagnostics and Ansh Laboratories. Scott is recognised as an international expert in ovarian reserve biomarkers and their role in stratifying care and individualising ovarian stimulation. He lectures internationally on behalf of these companies. Scott is on the trial steering committee for Ferring Pharmaceuticals ESTHER-1 trial, assessing their novel recombinant FSH which utilises Anti-müllerian hormone (AMH) to achieve accurate individualised dosing. Scott has externally validated the AMH assay of Beckman Coulter and Ansh Laboratories and developed nomograms based on >25,000 women for the Beckman Coulter AMH assay which are used in the kit inserts. Partnership of industry with academia is critical and Scott has recently attained financial support from Roche Diagnostics to undertake a £1 million biomarker study in women across the menopausal transition to assess novel uses of their assays.



## Professor Faisal Ahmed, Samson Gemmell Chair of Child Health

Professor Ahmed is jointly funded from the CSO and Ipsen to perform a pharmacokinetic study of GH and IGF-1 in children with Crohn's Disease (active study) and also has joint funding from BBSRC and Ipsen for a CASE PhD studentship studying the effects of SOCS2 protein in regulating skeletal development (in collaboration with the Roslin Institute). He undertakes joint work with Novo Nordisk to understand bone health in a new mouse model of colitis (work performed jointly with the Roslin Institute and Novo Nordisk R&D in Denmark). The development of the Imaging facility at South Glasgow provides scope for a significant amount of industry collaboration particularly with the companies supplying the scanners and other technology.



## Professor Edward Tobias – Professor Genetic Medicine

Professor Tobias and his colleagues participate in genetics-related drug trials that involve research collaborations with the pharmaceutical companies, Sanofi, Bayer Pharma and Novartis. They also, together with FutureLearn have developed and offered a MOOC (massive open online course) which attracted 7000 students worldwide



## Contact Us:

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