

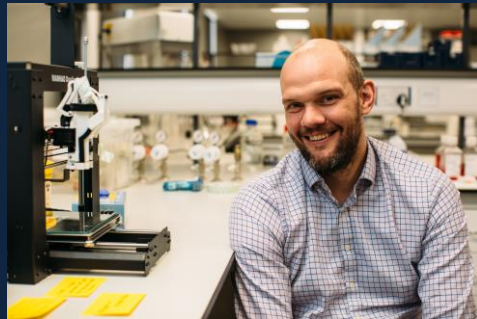


Correcting pathological tissue formation with materials

Speaker: Liam M Grover, Professor of Biomaterials Science
Director of the Healthcare Technologies Institute
School of Chemical Engineering, University of Birmingham

When: 9am on Friday 25th of January 2019

Where: B2.74, Trinity Biomedical Sciences Institute



Prof. Grover is a biomaterials scientist whose research focuses on designing materials that enhance the tissue regeneration process. He studied for both his undergraduate degree (biomedical materials science) and his PhD on the development of a novel bioresponsive ceramic (under the supervision of Jake Barralet) at the University of Birmingham, UK. On completion of his PhD, Prof. Grover spent two years working at McGill University, Montreal, where he was awarded a CIHR Skeletal Health Scholarship to study the role of a range of proteins and condensed phosphates in the formation of minerals. He returned to the University of Birmingham in 2006 to establish a research group in the School of Chemical Engineering. In the time since, Prof. Grover has held funding from a multitude of funding bodies, including: the EPSRC, BBSRC, MRC, NC3Rs, the Wellcome Trust, Orthopaedics Research UK, the MoD, the EU, the Drummond Foundation and the NIHR, as well as numerous industrial partners. Since 2006, he has been involved in raising more than £20m of research funding that has provided the University of Birmingham with an exceptional infrastructure for the development of medical technologies and directs the Healthcare Technology Institute located within the Institute for Translational Medicine. He has published more than 150 peer reviewed publications that describe the fundamentals of mineralisation, the development of novel materials and structures to regenerate both hard and soft tissues, and the structuring of soft materials. He has been an inventor on ten patent applications and has taken three medical technologies to the point of clinical trial. He was made a Fellow of the Institute of Materials at 30 and was made one of the youngest full Professors in the history of the University of Birmingham at 32.