



CHDSCR SCIENCE MEETING

Friday 7th June 2019 9am-2pm – Lecture Theatre, IDS Building; General Hospital

0915	Welcome Prof Richard Oreffo
Chairs:	Dr Franchesca Houghton and Dr Melissa Andrews
0925-0945	Invited Lecture: Dr Jonathan West: Microfluidics: exploring the dimensions of cellular diversity
0945-1005	Invited Lecture: Dr Yihua Wang: Epithelial Mesenchymal Transition (EMT) in pulmonary fibrosis: a core determinant of epithelial-mesenchymal cross-talk
1010-1020	ECR1: Rebecca Holding: Re-activation of senescent adipose derived progenitor cells from the elderly to improve potential for regenerative therapies
1020-1030	ECR2: Dr Patrick Stumpf: Evolutionary physiology of bone marrow stem cell regulation using artificial neural networks
1030-1040	ECR3: Dr Gianluca Cidonio: Printing bone one cell at a time
1040-1050	ECR4: Dr Mohammed Mansour: Do oriented divisions dictate fate decisions in mammary stem cells?
10.50-11.00	ECR5: Dr Shmma Quraishe: Targeting Integrins in the CNS
TEA AND COFFEE 11.00-11.30	
Chairs:	Dr Claire Clarkin and Dr Sandrine Willaime-Morawek
1130-1140	ECR6: Mohamed Mousa: Towards understanding why nanoclays are osteogenic
1140-1150	ECR7: Howard Tribe: A unique stem cell-like population in human osteoarthritic cartilage: identification, isolation and characterisation
1150-1200	ECR8: Ada Antypiuk: Role of environmental oxygen in regulating the proteome and fatty acid composition of human embryonic stem cells
1200-1210	ECR9: Alice Goring: Sexually dimorphic regulation of the bone vasculature
1210-1220	ECR10: Dr Jenny Dewing: Modelling Sorsby's Fundus Dystrophy using patient-derived iPSC-RPE cells
1220-1230	ECR11: Dr Jonathan May: Study of the effects of microbubbles on bone formation using micro-CT
1235-1255	Invited Lecture: Dr Ben Mills: Putting the AI in biophotonics
1255	Close Prof Richard Oreffo

Lunch and networking 1300