

PROGRAMME – Coffee on arrival from 08.45am

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| 09.00 – 09.15 | Welcome and Introduction to the day by the Institute Director, Professor John Isaacs, Chair | |
| SESSION 1 Chair: Professor Matt Wright | | |
| 9.15 – 9.30 | Marina García | Autophagic approaches to prevent fatty liver disease |
| 9.30 – 9.45 | Sara Corsi | Mitochondrial DNA methylation level as a predictor of future cardiovascular outcome in an obese population |
| 9.45 – 10.00 | Aaron Gardner | Acid ceramidase as a novel therapeutic for cystic fibrosis lung disease |
| 10.00 – 10.15 | Amani Alrossies | To evaluate effectiveness of a shorter 12-hour acetylcysteine regimen for treatment of paracetamol poisoning |
| Prof John Isaacs to introduce: | | |
| 10.15 – 10.45 | Excellence in Teaching through Excellence in Research | Prof Suzanne Cholerton, TEF & teaching /research Dr Tom Hill: combining research and teaching Dr Kevin Marchbank on ICM HELT |
| 10.45 - 11.00 | Coffee Break | |
| SESSION 2 Chair: Professor Jim Shaw | | |
| 11.00 – 11.15 | Vicky Shuttleworth | The role of the methyltransferase SETDB1 in Chronic Kidney Disease |
| 11.15 – 11.30 | Xuefei Yu | Impact of mitochondrial dysfunction on pancreatic islet cell composition in a mouse model of premature ageing |
| 11.30 – 11.45 | Emmanuella Traianos | Serum CXCL13 levels are associated with Lymphoma Risk and Lymphoma Occurrence in Primary Sjögren's syndrome |
| 11.45 – 12.00 | Sara Graziadio | The role of local guidelines in understanding care pathways and their variability in UK: a case study |
| 12.00 – 12.15 | Lightning Talks | 12 x 1 minute talks to run continuously |
| 12.15 – 1.45 | LUNCH BREAK & POSTER TOUR | |
| SESSION 3 Chair: Professor Sophie Hambleton | | |
| 1.45 – 2.00 | Emily Thompson | Pre-transplant ex-vivo kidney reconditioning using Multipotent Adult Progenitor Cell therapy delivered during normothermic machine perfusion |
| 2.00 – 2.15 | Nduko Okwose | Exploring barriers and facilitators of adults with heart failure to participation in a home-based physical activity programme: A qualitative study |
| 2.15 – 2.30 | Gemma Pedrola | Age-associated B cells in early drug-naïve rheumatoid arthritis patients |
| 2.30 – 2.45 | Carl Dale | The development of a CMOS point-of-need biosensor for lipoprotein (a) quantification |
| SESSION 4 Chair: Professor Emma Stevenson | | |
| 2.45 – 3.00 | Lucy Gee | Investigating the Effects of Cholestasis on Blood-Brain Barrier Health |
| 3.00 – 3.15 | Tess Capper | Age-related changes in the vascular effects of incremental whole beetroot consumption: a randomised trial |
| 3.15 – 3.30 | Dr. Florian Gothe | Early-onset autoimmunity and CMV-Susceptibility due to a hypomorphic IL-2 receptor β mutation |
| 3.30 – 3.45 | Gaurav Dhawan | Methotrexate for the treatment of adult atopic eczema: A two-centre, retrospective case note review of 161 patients with a focus on effectiveness and side-effect profile |
| 3.45 – 4.15 | Coffee Break | |
| 4.15 – 4.45 | Prof Joris Veltman, Director, IGM | The genomics revolution: From Mendel to personal genomics and genomic medicine |
| 4.45 – 5.00 | Closing remarks, FOLLOWED BY PRESENTATION OF PRIZES: BEST POSTER & BEST TALK | |

Key to themes

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| Nutrition, Exercise & Metabolism | Regenerative Medicine & Fibrosis |
| Stratified Medicine, Biomarkers & Therapeutics | Inflammation, Immunology & Immunotherapy |

Presentations will be judged by Prof Isaacs, Director and Prof Anstee, Dep Director