

Faculty of Medicine Research Conference

PROGRAMME

Tuesday 14th June 2022
Microsoft Teams

TIME	EVENT	SPEAKER
	MICROSOFT TEAMS CONFERENCE SITE	
09.15-09.20	Welcome and Introduction	Dr. Emma Reeves
09.20-10.25	SESSION 1	Chair: Prof. Jon Strefford
09.20-09.30	An objective pan-genomic filtering approach improves diagnostic rates for rare disease patients in the NHS	Eleanor Seaby
09.30-09.40	Discovery of therapeutic targets in Peripheral T Cell Lymphoma Not Otherwise Specified (PTCL-NOS)	Sonia Gabriela Murillo Barrera
09.40-09.50	Women's preconception health in England: findings from the first national report card.	Danielle Schoenaker
09.50-10.00	Comprehensive temporal physiological and transcriptomic analysis of healthy in vitro ALI-cultured primary nasal epithelia compared to ex vivo brushing samples.	Jelmer Legebeke
10.00-10.10	The treatment burden and capacity of people with Parkinson's (PwP) and their caregivers: A qualitative study	Qian Yue Tan
10.10.10.20	Humoral and cellular responses to SARS-CoV-2 vaccination in patients with lymphoid malignancies.	Nicola Campbell
10.20-10.25	Close of session	
10.25-10.45	BREAK	
10.45-11.50	SESSION 2	Chair: Prof. Philip Calder
10.45-10.55	A tool for systematically inspecting motion for paediatric functional neuroimaging datasets.	Yukai Zou
10.55-11.05	Paternal pre-pubertal tobacco smoking and offspring DNA methylation	Negusse Kitaba

11.05-11.15	Obstructive sleep apnoea in Down syndrome: a meta-analysis and narrative review of surgical treatment outcomes in surgically naïve children.	Rina Cianfaglione
11.15-11.25	A systematic analysis of splicing variants identifies new diagnoses in the 100,000 Genomes Project	Jenny Lord
11.25-11.35	Integrated analysis of cervical squamous cell carcinoma cohorts from three continents reveals conserved subtypes of prognostic significance.	Ian Reddin
11.35-11.45	Knockout of AGBL5 in human retinal pigment epithelium cells disrupts ciliogenesis and provides insight into transcriptomic changes.	Suly Saray Villa Vasquez
11.45-11.50	Close of session	
11.50-12.50	BREAK	
12.50-13.55	SESSION 3	Chair: Prof. Salim Khakoo
12.50-13.00	Tapasin and TAPBPR mediated focusing of the MHC-I Immunopeptidome.	Andy van Hateren
13.00-13.10	Differential toxicity in an alveolar epithelial cell line of fine particulate matter from brake wear, road wear, and diesel exhaust.	James Parkin
13.10-13.20	Investigating the Temporal Dynamics of Immediate Early Gene Expression in Chronic Lymphocytic Leukaemia Upon BCR Stimulation	Lara Buermann
13.20-13.30	Optimising a breathing retraining intervention for adolescents with asthma.	Stephanie Easton
13.30-13.40	Method development for flow-cytometric analysis of primary human airway epithelia infected with non-typeable Haemophilus influenza.	Katie L Horton
13.40-13.50	Vitamin D uptake in human epithelial cells is more complex than simple diffusion.	Laura Cooke
13.50-13.55	Close of session	
13.55-14.15	BREAK	
14.15-15.20	SESSION 4	Chair: Dr. Cheryl Metcalf
14.15-14.25	A Changing Pattern of Growth in Very Preterm Infants.	Aneurin Young
14.25-14.35	Multinomial Logistic Regression to predict Upper Gastrointestinal Multidisciplinary team outcomes.	Navamayooran Thavanesan
14.35-14.45	Factors that Influence Older Adults' Participation in Physical Activity: A Systematic Review of Qualitative Studies	Samantha Jane Meredith

14.45-14.55	High through-put computerised image analysis for primary ciliary dyskinesia diagnostics	Claire Jackson
14.55-15.05	Measurement of urine ACR for risk stratification of chronic kidney disease in primary care.	Kristin Veighey
15.05-15.15	Does low muscle strength modify relationships between individual comorbidities and mortality? Findings from the Hertfordshire Cohort Study.	Leo Westbury
15.15-15.20	Close of session	
15.20-15.40	BREAK	
15.40-16.45	SESSION 5	Chair: Dr. Nisreen Alwan
15.40-15.50	The risk of liver disease in patients with type 2 diabetes needs to be taken seriously: a real-world study located in a new community-based liver scanning service	Tina Reinson
15.50-16.00	The regulation of obesity and metabolic disorders by gut microbiome – The role of Matrix Metalloproteinase 28	Ahmad Mohammad Alzahrani
16.00-16.10	The Nutrition and Physical Activity (NAPA) study – A pilot study of Healthy Conversation Skills in older community-dwelling adults during the COVID-19 pandemic	Jean Zhang
16.10-16.20	Implementing a nurse-delivered cognitive behaviour therapy intervention to reduce the impact of hot flushes in women with breast cancer: A qualitative process evaluation of the MENOS4 trial	Cherish Boxall
16.20-16.30	Risk factors for experiencing problems with menopausal symptoms while working	Stefania D'Angelo
16.30-16.40	Absence of Tissue Inhibitor of Matrix Metalloproteinase 3 (TIMP3) in Female Mice Leads to Changes in Aorta Structure and Function	Rachel Meadows
16.40-16.45	Close of session and End of day	

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Wednesday 15th June 2022
Turner Sims and Hartley Suite

TIME	EVENT	SPEAKER
09.00-10.20	TURNER SIMS	
09.00-09.15	Welcome and Registration	
	50th ANNIVERSARY OF THE UNIVERSITY–HOSPITAL PARTNERSHIP	Chair: Prof. Diana Eccles
09.15-09.20	Introduction to the Faculty Conference and the 50 th Anniversary of University-Hospital Partnership	Prof. Diana Eccles
09.20-10.20	50 th Anniversary of University-Hospital Partnership: In conversation with Professor Sir Charles George	Prof. Sir Charles George
10.20-11.20	BREAK – HARTLEY SUITE	
	POSTER SESSION 1 AND NETWORKING (Even Poster Number)	
11.20-12.30	TURNER SIMS	
11.20-11.50	ELEVATOR PITCH SESSION	Chair: Dr. Reuben Pengelly
	Brain volumetric correlates of school-age outcome in children with neonatal Hypoxic-Ischaemic Encephalopathy (HIE) treated with Therapeutic Hypothermia (TH): a pilot study	Yukai Zou
	In patients with NAFLD, the presence of PNPLA3-148M associates with increased LC-PUFAs selectively in TAG-FAs.	Josh Bilson
	Testing a Novel Procedure to Induce Placebo Anxiolysis in Healthy Volunteers	Nathan Huneke
	The relationship between iron deficiency and fatigue in Crohn's disease: an observational cross-sectional study of patients in clinical remission	Stephanie Sartain
	Activation of the branching morphogenesis programme marks aggressive lung adenocarcinomas	Kamila Bienkowska

	Towards a near-patient test for tuberculosis	Hannah Schiff
	Adipose tissue expansion is dependent on sex and anatomical location	Maria Kousetti
	Measuring the permeability of the blood-brain barrier in Alzheimer's disease using dynamic contrast enhanced MRI.	Beth McCausland
11.50-12.00	3 MINUTE THESIS FINALISTS	Chair: Dr. Reuben Pengelly
	Doctor wellbeing: measurement matters!	Gemma Simons
	The PD Life Study	Qian Tan
12.00-12.25	LAY INFOGRAPHIC SESSION	Chair: Dr. Lucy Green
	Impact of replacing laboratory testing for SARS-CoV-2 and other respiratory viruses with rapid ward based testing respiratory virus testing in an Acute Oncology Admissions Unit	Kate Beard
	Finding patient-centred tools to check if a medicine is working for a person living with severe asthma.	Anna Rattu
	Breaking down cancer's shield: a DNA vaccine to make the tumour vulnerable.	Josephine Buckingham
	Implementing a Student Wellbeing and Mental Health Survey: Launch September 2022	Anthony Quinn
	Splenic Marginal Zone Lymphoma (SMZL) – Why is it worse in some people but not others?	Amatta Mirandari
	Can blood and tissue tests improve the early detection of lung cancer: the iDx-Lung study	Sam Wilding
12.25-13.20	BREAK FOR LUNCH <i>(purchase locally or bring your own)</i>	
13.20-14.20	TURNER SIMS	
	RESEARCH PUBLICATION PRIZES	Chair: Prof. Diana Baralle
13.20-13.35	<i>Wessex Medical Research prize for best research publication by a postgraduate research student</i> Selinexor Enhances NK Cell Activation Against Malignant B Cells via Downregulation of HLA-E	Jack Fisher

13.35-13.50	<i>Iain Cameron prize for best research publication by a postdoctoral researcher</i> Insertion of atypical glycans into the tumor antigen binding site identifies DLBCLs with distinct origin and behaviour	Giorgia Chiodin
13.50-14.05	<i>Michael Arthur prize for best research by a clinical academic trainee</i> Macular thickness varies with age-related macular degeneration genetic risk variants in the UK Biobank cohort	Rebecca Kaye
14.05-14.20	<i>Academy of Medical Sciences Publication Prize 2022</i> Association between influenza vaccination and hospitalisation or all-cause mortality in people with COVID-19: a retrospective cohort study	Chris Wilcox
14.20-15.20	BREAK – HARTLEY SUITE	
	POSTER SESSION 2 AND NETWORKING (Odd Poster Numbers)	
15.20-16.35	TURNER SIMS	
15.20-16.20	50th ANNIVERSARY OF THE UNIVERSITY–HOSPITAL PARTNERSHIP: PERSONAL JOURNEYS AND REFLECTIONS	Chair: Dr. Karen Underwood
15.20-15.40	Partnerships to promote health and wellbeing – reflections on my 40-year journey in research	Prof. Keith Godfrey
15.40-16.00	From English Literature to Medicine – a personal reflection	Dr. Jane Wilkinson
16.00-16.20	From schoolboy to CMO: my 35-year journey with the University of Southampton and University Hospital Southampton	Mr. Paul Grundy
16.20-16.40	PRIZE CEREMONY AND CLOSING	Chair: Prof. Diana Baralle
16.40-17.30	DRINKS RECEPTION – HARTLEY SUITE	