



Basic Science Retreat 2024

Dulwich College, London

PROGRAMME

Monday 19 th August 2024	
1300 - 1350	Registration and Lunch
1350 - 1400	Welcome and Introductions <i>Professor Shilpa Chokshi, Roger Williams Institute of Hepatology</i>
1400 - 1500	Keynote lecture Beyond Boundaries: Combating the Global Liver Disease Epidemic through Population and Translational Strategies <i>Professor Philip Newsome, Roger Williams Institute of Hepatology</i> <i>Chair: Professor Shilpa Chokshi, Roger Williams Institute of Hepatology</i>
1500 - 1800	Session 1 – Opening Session
Session Chair: <i>Professor Shilpa Chokshi, Roger Williams Institute of Hepatology</i>	
1500 – 1530	Experimental Medicine Pipeline – how to get from the bench to the bedside <i>Professor Salim Khakoo, Southampton University</i>
1530 - 1600	From Patients to Pipettes: Reverse Translation's Crucial Role in Biomarker development <i>Professor Helen Reeves, Newcastle University</i>
1600 - 1630	Refreshments
1630 - 1700	Publishing in Nature Journals <i>Dr Katrina Ray, Chief Editor, Nature Reviews Gastroenterology & Hepatology</i>
1700 - 1830	The Journey from Academia to Entrepreneurship
1700 - 1720	<i>Dr Giuseppe Mazza, UCL and Engitix, London</i>
1720 - 1740	<i>Dr Jelena Mann, Fibrofind</i>
1740 - 1800	<i>Dr Tomasz Kostrzewski, CNBio</i>
1800 - 1830	<i>Discussion Questions and Round Table</i>
1900-2200	Dinner at a Local Restaurant (TBC), Dulwich
Tuesday 20 th August 2024	
0930 - 1100	Session 2 – Computational and Systems Biology
Session Chair: <i>Professor Prakash Ramachandran, University of Edinburgh</i>	
0930 - 1000	Development of an Integrated AI tool for Steatotic Liver Disease <i>Professor Jonathon Fallowfield, University of Edinburgh</i>
1000 - 1015	Computing the interactions between the genetic drivers and TIME in cancer <i>Dr Francesca Ciccarelli, The Crick</i>

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1015 - 1030	Spatial Bioinformatics, Data Analysis and Visualisation <i>Dr John Cole, University of Glasgow</i>
1030-1100	<i>Questions and Round Table Discussion</i>
1100 - 1130	Refreshments
1130 - 1300	Session 3 – Gut Liver Axis
Session Chair: <i>Professor Lesley Hoyles, Nottingham Trent University</i>	
1130 - 1145	The role of Microbial Metabolites in MASLD <i>Professor Lesley Hoyles, Nottingham Trent University</i>
1145 - 1200	Microbiome therapies: why we are not there yet? <i>Dr Chrysi Sergaki, NIBSC, London</i>
1200 - 1215	LPS modulation of Liver resident T-cells <i>Dr Laura Pallett, UCL, London</i>
1215 - 1230	Predatory bacteria and bacteriophages as living antibiotics for Anti-Microbial Resistance <i>Dr David Negus, Nottingham Trent University</i>
1230 - 1300	<i>Questions and Round Table Discussion</i>
1300 - 1400	Lunch
1400 - 1530	Session 4 – Hepatitis B
Session Chair: <i>Dr Upkar Gill, Queen Mary University London</i>	
1400 - 1430	Hypoxia and the ‘Clock’ in CHB: Novel targetable pathways? <i>Professor Jane McKeating, University of Oxford</i>
1430 - 1445	Interrogation of the HBV entry pathway using retroviral pseudotypes <i>Dr Alexander Tarr, University of Nottingham</i>
1445 - 1500	Novel serum markers of cccDNA transcriptional activity <i>Dr James Lok, King’s College Hospital</i>
1500-1530	<i>Questions and Round Table Discussion</i>
1530 - 1600	Refreshments
1600 - 1730	Session 5 – Selected Oral Presentations abstracts
Session Chair: <i>Professor Fiona Oakley, University of Newcastle</i>	
1600 - 1615	<i>Free Paper TBC</i>
1615 - 1630	<i>Free Paper TBC</i>
1630 - 1645	<i>Free Paper TBC</i>
1645 - 1700	<i>Free Paper TBC</i>
1700 - 1715	<i>Free Paper TBC</i>



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1715 - 1730	<i>Free Paper TBC</i>
1800	Drinks Reception
1830	BBQ at Dulwich College
Wednesday 21st August 2024	
0930 – 10.45	Session 6 – Steatotic Liver Disease
Session Chair: Dr Michele Vacca	
0930 – 0945	Targeting eNAMPT to treat SLD <i>Dr Paul Caton, Kings College London</i>
0945 - 1000	(APO)Lipoprotein dysfunction in Metabolic Syndrome and MASLD <i>Dr Gabriele Mocciaro, Roger Williams Institute of Hepatology</i>
1000 - 1015	PNPLA3 as a key driver of HSC behaviour in MASH <i>Professor Krista Rombouts, University College London</i>
1015 - 1045	<i>Questions and Round Table Discussion</i>
1045 - 1115	Refreshments
1115-1245	Session 7 – Fibrosis, Cirrhosis and Cancer
Session Chair: Professor Tom Bird, University of Edinburgh	
1115-1130	Scoring Tissue Aging: Metrics for Senotherapies <i>Professor Jesus Gill, Imperial College London</i>
1130-1145	Unexpected roles for the mRNA translation machinery in generating the ECM-rich microenvironments which foster initiation of hepatocellular carcinoma <i>Professor Jim Norman, University of Glasgow</i>
1145-1200	Endothelial heterogeneity in the tumour microenvironment and how it shapes immune cell recruitment <i>Professor Shishir Shetty, UoB</i>
1200-1215	Molecular Markers of Response to Anti-PD1 Therapy in Advanced Hepatocellular Carcinoma <i>Professor Tim Meyer, Royal Free</i>
1215-1245	<i>Questions and Round Table Discussion</i>
1245-1330	Sandwich lunch and depart

BASL

British Association for the Study of the Liver

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THANK YOU TO OUR SPONSORS FOR SUPPORTING THIS YEAR'S
EVENT

