



# Basic Science Retreat 2024

Dulwich College, London

## Final BSR2024 programme

### Monday 19<sup>th</sup> August 2024

|   |  |
|---|--|
| 1300 - 1350   | Registration and Lunch   |
| 1350 - 1400   | <b>Welcome and Introductions</b><br><i>Professor Shilpa Chokshi, Roger Williams Institute of Hepatology</i>  |
| 1400 - 1500   | <b>Keynote Lecture</b><br><b>Beyond Boundaries: Combating the Global Liver Disease Epidemic through Population and Translational Strategies</b><br><i>Professor Philip Newsome, Roger Williams Institute of Hepatology</i><br><i>Chair: Professor Shilpa Chokshi, Roger Williams Institute of Hepatology</i> |
| <b>1500 - 1800</b>  | <b>Session 1 – Opening Session</b>   |
| <b>Session Chair:</b> <i>Professor Shilpa Chokshi, Roger Williams Institute of Hepatology</i> |  |
| 1500 – 1530   | <b>Experimental Medicine Pipeline – how to get from the bench to the bedside</b><br><i>Professor Salim Khakoo, Southampton University</i>  |
| 1530 - 1600   | <b>From Patients to Pipettes: Reverse Translation's Crucial Role in Biomarker development</b><br><i>Professor Helen Reeves, Newcastle University</i>   |
| 1600 - 1630   | <b>Refreshments</b>  |
| 1630 - 1700   | <b>Publishing in Nature Journals</b><br><i>Dr Katrina Ray, Chief Editor, Nature Reviews Gastroenterology &amp; Hepatology</i>  |
| <b>1700 - 1830</b>  | <b>The Journey from Academia to Entrepreneurship</b>   |
| 1700 - 1720   | <i>Dr Giuseppe Mazza, UCL and Engitix, London</i>  |
| 1720 - 1740   | <i>Dr Adam Amara &amp; Dr Remy Boutonnet, Turing Bio Systems</i>   |
| 1740 - 1800   | <i>Dr Tomasz Kostrzewski, CNBio</i>  |
| 1800 - 1830   | <i>Discussion Questions and Round Table</i>  |
| 1900-2200   | <b>The Crown and Greyhound, Dulwich</b>  |

### Tuesday 20<sup>th</sup> August 2024

|  |   |
|--|---|
| <b>0930 - 1100</b>   | <b>Session 2 – Computational and Systems Biology</b>  |
| <b>Session Chair:</b> <i>Professor Prakash Ramachandran, University of Edinburgh</i> |   |
| 0930 - 1000  | <b>Development of an Integrated AI tool for Steatotic Liver Disease</b><br><i>Professor Jonathon Fallowfield, University of Edinburgh</i> |
| 1000 - 1015  | <b>Computing the interactions between the genetic drivers and TIME in cancer</b><br><i>Dr Francesca Ciccarelli, The Crick</i>             |
| 1015 - 1030  | <b>Spatial Bioinformatics, Data Analysis and Visualisation</b><br><i>Dr John Cole, University of Glasgow</i>                              |
| 1030-1100  | <i>Questions and Round Table Discussion</i>   |



# Basic Science Retreat 2024

Dulwich College, London

## Final BSR2024 programme

|   |  |
|---|--|
| 1100 - 1130   | <b>Refreshments</b>  |
| 1130 - 1300   | <b>Session 3 – Gut Liver Axis</b>  |
| <b>Session Chair:</b> <i>Professor Lesley Hoyles, Nottingham Trent University</i> |  |
| 1130 - 1145   | <b>The role of Microbial Metabolites in MASLD</b><br><i>Professor Lesley Hoyles, Nottingham Trent University</i>                                       |
| 1145 - 1200   | <b>Microbiome therapies: why we are not there yet?</b><br><i>Dr Chrysi Sergaki, NIBSC, London</i>  |
| 1200 - 1215   | <b>LPS modulation of Liver resident T-cells</b><br><i>Dr Laura Pallett, UCL, London</i>  |
| 1215 - 1230   | <b>Predatory bacteria and bacteriophages as living antibiotics for Anti-Microbial Resistance</b><br><i>Dr David Negus, Nottingham Trent University</i> |
| 1230 - 1300   | <i>Questions and Round Table Discussion</i>  |
| 1300 - 1400   | <b>Lunch</b>   |
| 1400 - 1530   | <b>Session 4 – Hepatitis B</b>   |
| <b>Session Chair:</b> <i>Dr Upkar Gill, Queen Mary University London</i>          |  |
| 1400 - 1430   | <b>Hypoxia and the ‘Clock’ in CHB: Novel targetable pathways?</b><br><i>Professor Jane McKeating, University of Oxford</i>                             |
| 1430 - 1445   | <b>Interrogation of the HBV entry pathway using retroviral pseudotypes</b><br><i>Dr Alexander Tarr, University of Nottingham</i>                       |
| 1445 - 1500   | <b>Novel serum markers of cccDNA transcriptional activity</b><br><i>Dr James Lok, King’s College Hospital</i>  |
| 1500-1530   | <i>Questions and Round Table Discussion</i>  |
| 1530 - 1600   | <b>Refreshments</b>  |
| 1600 - 1730   | <b>Session 5 – Selected Oral Presentations abstracts</b>   |
| <b>Session Chair:</b> <b>Professor Fiona Oakley, University of Newcastle</b>      |  |
| 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>  |
| 1715 - 1730   | <i>Free Paper TBC</i>  |
| 1800  | <b>Drinks Reception</b>  |
| 1830  | <b>BBQ at Dulwich College</b>  |



# Basic Science Retreat 2024

Dulwich College, London

## Final BSR2024 programme

Wednesday 21st August 2024

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

**BASL**

British Association for the Study of the Liver

# Basic Science Retreat 2024

Dulwich College, London

## Final BSR2024 programme

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

GOLD



[www.mesoscale.com](http://www.mesoscale.com)

SILVER

AstraZeneca

UPM BIOMEDICALS



ThermoFisher  
SCIENTIFIC

AKOYA  
BIOSCIENCES®  
THE SPATIAL BIOLOGY COMPANY™

ENGITIX  
THERAPEUTICS

progress happens together  
**abcam**