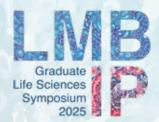
## Thurs, 10<sup>th</sup> July



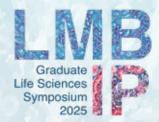
8:45 - 9:30	Morning Coffee
9:30 - 9:40	Welcoming Remarks
9:40 - 10:15	Yasmine Belkaid Immunological Control of Host Physiology
10:15 - 10:35	Catherine Helbing Characterization of a host susceptibility factor for maternal-fetal listeriosis
10:35 - 10:55	Break
10:55 - 11:30	Helen Mott Investigation of the HR1 domains of protein kinase C-related kinase (PKN1)
11:30 - 11:50	Dandan Guan NAA40 and NAC cooperate in co-translational histone acetylation in humans
11:50 - 12:25	<b>Javier Pizarro-Cerda</b> Yersinia pestis & plague: revisiting the history and genomic landscape of a pandemic tueur
12:25 - 13:15	Lunch and Poster Session
13:15 - 14:15	Workshop: Spinning Out Scientific Research
14:15 - 14:50	John Diffley How DNA replication initiates and what happens when it goes wrong
14:50 - 15:10	<b>Federico Fassetta</b> High-throughput testing of human replisome dynamics at repetitive DNA sequences
15:10 - 15:30	Break
15:30 - 16:05	Claire Higgins Hair follicles. What's sensory got to do with it?
16:05 - 16:25	Yuetong Jia Automated fluorescence microscopy imaging system with deep learning analysis of mitochondrial morphology for rapid drug response assessment
16:25 - 17:00	Diana Arseni The ABC of TDP-43
From 18:30	Formal Hall at Homerton College



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## Fri, 11<sup>th</sup> July



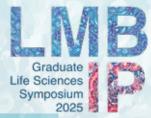
8:45 - 9:20	Morning Coffee
9:20 - 9:25	Welcoming Remarks
9:25 - 10:00	John Briggs Studying the structure and maturation of HIV-1 using cryo-electron microscopy
10:00 - 10:20	<b>Olivia Smith</b> Structural studies of a cell-surface biofilm adhesin from a pathogenic bacterium
10:20 - 10:55	<b>José Zarco Jiménez</b> Euk.oli: A eukaryotic-inspired prokaryotic model for orthogonal resource allocation
10:55 - 11:15	Break
11:15 - 12:15	3 Minute Thesis Competition
12:15 - 13:15	Lunch and Poster Session
13:15 - 14:15	Workshop: From margins to center: the role of diversity in science and beyond
14:15 - 14:35	<b>Joe Parham</b> Temporal and spatial coordination of DNA segregation and cell division in an archaeon
14:35 - 15:10	<b>Roni Levin Konigsberg</b> Phagocytes: Hungry After an All-You-Can-Eat Buffet – Maintaining Function Amidst Continuous Clearance
15:10 - 15:30	<b>Puck Näsman Norell</b> Mix & Match at the N-terminus: New insights into LC3 proteins in autophagy
15:30 - 16:00	Break
16:00 - 16:35	Viktor Lukacs Targeted cellular evolution identifies new sensory receptor proteins
16:35 - 16:55	Katherine Pardo Characterizing cell-type-specific isoforms using long-read transcriptomics to enhance rare disease variant detection and interpretation
16:55 - 17:30	Kathryn S. Lilley Unveiling the Complexities of Cellular Mechanisms: Beyond Protein Expression
17:30 - 18:00	Final Remarks
From 18:30	Pub Trip



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## Posters



1	Study of pH-regulated amino acid transport via SLC7A4 Anuja Bothra
2	In depth investigation and characterisation of a novel drug against <i>Chlamydia</i> <i>trachomatis</i> infection <i>Camille Dos Santos-Toinet</i>
3	Chronic hepatitis B virus infection and xenobiotics exposure at the crossroads of an atypical presentation of hepatocellular carcinoma <i>Claudia Monge</i>
4	GlueSEEKER: Molecular Glue Screening using a novel E3 Ligase for Neosubstrate Degradation Eleanor Thompson
5	Glueseeker®: Revolutionising Molecular Glue Discovery Elizabeth Nock
6	Does calcitonin-like signalling regulate feeding behaviour in C. elegans? Isabel Conze
7	RNA editing is a regulator of synaptic transmission in coleoid cephalopods Joseph Gehler-Rahman
8	Advancing genome synthesis: Improving recombination of large genomic constructs Julieta Molina Flores
9	Characterizing cell-type-specific isoforms using long-read transcriptomics to enhance rare disease variant detection and interpretation <i>Katherine Pardo</i>
10	Identifying Kv7.1 channels as a critical link between G-protein coupled receptor activation and glucagon-like peptide-1 secretion <i>Linxia Li</i>
11	Identifying Novel Regulators of Adipocyte Lipolytic Response using Dynamic Subcellular Proteomics Meghna Birla
12	Structural studies of a cell-surface biofilm adhesin from a pathogenic bacterium Olivia Smith
13	Development of a fibre-based platform for SIM imaging in unconventional environments Rebecca McClelland
14	COVID-19 vaccination induces cross-neutralisation of sarbecoviruses related to SARS-CoV-2 Rebecca Morse
15	Identifying synaptic activity populations during plasticity at single-synapse resolution Roshni Deepra Ray
16	Mechanisms of Qbeta bacteriophage infection and replication in E. coli using single-molecule studies Sammi Ta
17	Structure of the human telomerase dimer reveals H/ACA RNP mediated dimerization Sebastian Balch
18	Correlating SARS-CoV-2 Spike Abundance with Fusion Kinetics Sina Sommer



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19	Restoring Sensation following Peripheral Nerve Injury using Biohybrid Neural Interfaces Sydney Swedick
20	Wraiths of Ruin: the Hunt for Cross-Reactive Antibodies using Al Tung H Nguyen
21	Investigating the crosstalk between Tau and the autophagy-lysosomal pathway Valentine Thomas
22	Source of Antigenic Peptide Ligands for MHC-I Presentation

## Vote here!







