

Registrations Open 07:30-08:25

Total CPD points available: 7 hours. Please scan the QR code at the end of the program to claim your points.

RESEARCH WORKSHOP 1

Host-Microbe Interactions in GI Disease

Chairs: Georgina Hold & Katharine Irvine

08:25	Welcome & Introductions	Katharine Irvine & Rabina Giri
08:30	Considerations When Designing a Human Microbiome Study	Debbie Shawcross (UK)
08:55	FMT for Treatment of PSC- Ready for Prime Time?	Damjana Bogatic
09:05	Abstract 368: Cystic Fibrosis as a Model of Microbe-driven Colorectal Carcinogenesis	Josie Van Dorst
09:15	Abstract 239: Fibre Fermentation Profiles are Different in Patients with Ulcerative Colitis with an Intact Colon or Ileal Pouch, and Amplified by Mucosal Inflammation	Dakota Rhys-Jones
09:25	Abstract 402: Gut Microbiota Profiles in Inflammatory Bowel Disease During Clinical Remission: A Systematic Review and Meta-analysis	Binod Rayamajhee
09:35	Abstract 190: Evaluating Gut Microbiome, Sleep Quality and Gut Inflammation Trajectories in Inflammatory Bowel Diseases	Paris Tavakoli
09:45	Moving Beyond Dysbiosis to Harness the Gut Microbiome for Precision Medicine	Feargal Ryan

MORNING TEA (10:10-10:40)

RESEARCH WORKSHOP 2

Liver Disease

Chairs: Kim Bridle & Kathryn Mullany

10:40	Beyond Antioxidant Defence: Understanding the roles of NRF2 in Liver Pathophysiology	Athena Ong
11:05	Abstract 710: Cancer-associated Fibroblast Subpopulation Transitions During Hepatocellular Carcinoma Progression	Minwoo Kim
11:15	Abstract 363: Expansion and Characterisation of Hepatitis B Virus-specific Memory Natural Killer Cells for Adoptive Cell Therapy	Dishen Chen
11:25	Abstract 350: Hepcidin Messenger Ribonucleic Acid Lipid Nanoparticles Improve Systemic Iron Homeostasis in a Murine Model of Hereditary Haemochromatosis	Afolabi Akanbi
11:35	Abstract 119: Intracellular Dipeptidyl Peptidase 9 can Influence Glycolytic Pathways and Mitochondrial Structure in Hepatocellular Carcinoma Cell Lines, and in Silico Evidence for Glycolysis Regulation in Human HCC	Mark Gorrell
11:45	Abstract 120: CRISPR Prime Targeting of IL1R1 in Stellate Cells Identifies a Pathogenic Inflammation-to-Fibrosis Axis in the Liver	Hiba Al Lawati
11:55	Microbial Metabolites at the Host Interface: Linking Inflammation to Disease Development	Josie Van Dorst

LUNCH (12:20-13:20)

RESEARCH WORKSHOP 3

Gastrointestinal Cancers: Towards Precision Medicine

Chairs: Vicki Whitehall & Lochlan Fennell

13:20	Precision Medicine in Primary Liver Cancer	Jean-Charles Nault (FR)
13:45	Developing a Programmable Cas13d RNA Therapeutic Platform for HCC	Saskia Saville
13:55	Abstract 632: Multi-ancestry and Multi-trait Analyses in 2.6 Million Individuals Reveal Unique Genetic Susceptibility to Colorectal Cancer	Mathias Seviiri
14:05	Abstract 545: Spatial Proteotranscriptomic Atlas Reveals Recurrent Multicellular Niches in Early-onset Colorectal Cancer	Liam Skinner
14:15	Abstract 251: Evaluation of a Circulating Tumour DNA Assay for Colorectal Cancer Detection in Patients with Gastrointestinal Symptoms	Jean Winter
14:21	Abstract 466: Liquid Biopsy for the Detection of Hepatocellular Carcinoma	Lauren Brotherton
14:27	Abstract 348: Pan-cancer Detection of Upper Gastrointestinal Cancers Using Circulating Tumour DNA Methylation Blood Biomarkers: A Systematic Review and Meta-analysis	Nicolas Gutierrez Perez
14:33	Targeted treatment for Gastric Adenocarcinoma and Proximal Polyposis of the Stomach	Susan Woods

AFTERNOON TEA (15:00-15:30)

RESEARCH WORKSHOP 4

Inflammation and Fibrosis

Chairs: Rabina Giri & Michael Coffey

15:30	Mechanisms of Esophageal Remodeling: Fibroblasts and Dysfunctional Tissue Repair and Regeneration	Seema Aceves (US)
15:55	Abstract 43: Identification of Immunomodulatory Proteins in Helicobacter Pylori-derived Extracellular Vesicles that Dampen Immune Responses in Peripheral Blood Mononuclear Cells	Kavitha Wilson Rajaratnam
16:05	Abstract 410: Endotoxemia and toll-like Receptor-4 Triggers Anemia via Tissue Resident Macrophages in a Mouse Model of Colitis	Kavita Bisht
16:15	Spatial Biology of Topical JAK Inhibition in Ulcerative Colitis	Rabina Giri
16:25		Peter Irving (UK)

Cheese and Wine Panel Discussion: Tips and Tricks to Securing Grant Funding

Chairs: Susan Woods & Vicki Whitehall

17:00-18:00 Panel Discussion

International & National Speakers