

Quantitative Immunology Meeting - ICR

Date: 19th November 2025

Location: ICR Chelsea: **Lecture Theatre**, 237 Fulham Road, London SW3 6JB

1:45 PM - 2:00 PM: Registration and Welcome

2:00 PM - 2:35 PM: Main Talk 1

Speaker: Dr Francisco Barriga (VHIO, Barcelona)

Dissecting the role of CNAs in PDAC immune evasion

2:35 PM – 2:45 PM: Short Talk 1

Speaker: Raju Kumar (QMUL)

CD8⁺ T cells are pro-inflammatory, cytotoxic, and clonally expanded in the early stages of fibrosis due to metabolic dysfunction-associated steatohepatitis (MASH)

2:45 PM– 2:55 PM: Short Talk 2

Speaker: Valentina Carannante (Imperial College)

Cell-to-cell interaction and CD226 plasticity change the hierarchy of CD155 and CD112 receptor activation in solid tumours

2:55 PM– 3:05 PM: Short Talk 3

Speaker: Antonio Matas-Gil (UCL)

Inferring the rules of TCR–pMHC Binding using synthetic co-evolution

3:05 PM– 3:15 PM: Short Talk 4

Speaker: Rose Foster (ICR)

To Immunity and Beyond: Mapping the Immune Tumour Microenvironment in Muscle-Invasive Bladder Cancer using Multidimensional Datasets

3:15 PM – 3:30 PM: BREAK

3:30 PM - 4:05 PM: Main Talk 2

Speaker: Dr Ben O’Leary (ICR)

Evolution of viral architectures in head and neck cancer

4:05 PM - 4:15 PM: Short Talk 5

Speaker: Matthew Cowley (UCL)

TcRictionary: a graph database which naturally accommodates the multiple levels of many-to-many TCR annotations

4:15 PM - 4:25 PM: Short Talk 6

Speaker: Calum Gabbutt (ICR / Imperial College)

Learning lymphoid cancers’ evolutionary dynamics using methylation-based lineage markers

4:25 PM - 5:00 PM: Main Talk 3

Speaker: Dr James Wright (ICR)

An informatics pipeline for immunopeptidomics and its application to detection of non-canonical splicing in cancer

5:00 PM – Onwards (Chelsea Cafeteria): Closing Remarks followed by Networking

Pizza, nibbles and drinks served: An opportunity for attendees to mingle and discuss the talks