



Schedule

09:30-10:00 Meet and greet

10:00-11:00

Alexandra Sharland (University of Sydney):

Characterizing alloreactive T cells in Transplantation

Iñigo Ayestaran (Cambridge):

Neoantigen-specific T-cell Receptors as biomarkers of IDH1-mutant glioma

Ann-Marie Baker (ICR):

Mapping clonal evolution and the T-cell repertoire through the colitic bowel

11:00-11:30 Coffee break

11:30-12:30

Leonard Wossnig (Labgenius):

An active learning approach for the discovery of next-generation multispecific antibodies

Anna Huhn (Oxford):

A novel particle-based model to analyse bivalent binding of antibodies

Kevin Michalewicz (Imperial):

Predicting and explaining antibody binding affinity with ANTIPASTI

12:30-13:30 Lunch and posters

13:30-14:15 Whiteboard session

Juan Luis Melero (Omniscope):

Spatio-temporal tracking of therapy-induced T cell immunity against pediatric rhabdoid tumors

Lisa Dratva (Wellcome Sanger):

Towards deciphering the T cell receptor-antigen-HLA code with single cell genomics

Roc Farriol (UCL):

Design of a surface-accessible epitope panel using Brewpitopes to empower early lung cancer detection

14:15-14:30 Coffee break

14:30-15:30

Justin Barton (Alchemab Therapeutics / ISMB):

The state of in silico TCR-epitope binding prediction

Olivia Dalby (UCL):

Super-resolution imaging of CAR-T cell immunological synapse

Jose Cabezas-Caballero (Oxford):

Genetically engineering T cells to reduce the risk of autoimmune cross-reactivities in T cell therapies

15:45-16:15

Kabir Husain (UCL):

The noise is the signal

16:15-17:00 Drinks and posters