

**ARCAID Fellows Symposium**

**22<sup>nd</sup> February 2023**

8.45am	Coffee + Arrival
9.00 – 9.10	ARCAID Introduction
<b>9.10 – 10.00</b>	<b>Keynote: Antigen specific T cells in Rheumatoid Arthritis Dr Kathryn Steel (Kings College London)</b>
<u>T cells - Chairs:</u>	<u>Sofia Feijó-Frigerio and Marina Jimenez Martinez</u>
10.00 – 10.15	Lymph node T cells in Rheumatoid Arthritis Aoife O’Byrne
10.15 – 10.30	Studying the role of the CD32 in HIV reservoir formation Sona Allahverdiyeva
<b>10.30 – 11.00</b>	<b>Coffee Break</b>
<u>B cells – Chairs:</u>	<u>Aiarpi Ezdoglian and Elham Mirfazeli</u>
11:00 – 11.15	JAK/STAT pathway inhibition prevents B cell proliferation, differentiation and antibody production in myositis Ana Merino
11.15 – 11.30	Optimization of BCR sequencing technologies for applications in autoimmune diseases Armando Olivieri
11.30 – 11.45	Functional characterisation of ACPA-producing B cell clones using kinase inhibitors Giulia Frazzei
11.45 – 12.00	Systematic evaluation of B-cell clonal family inference approaches Dasha Balashova
<b>12.00 – 13.00</b>	<b>Lunch</b>
<b>13.00 – 14.00</b>	<b>Keynote: Title TBC Professor Yvan Saeys (VIB-UGent)</b>
<u>Gut – Chairs:</u>	<u>Chiara Geyer and Ihsan Hammoura</u>
14.00 – 14.15	In Vitro Intestine Models with In Vivo Like Barrier Properties Melis Asal

14.15 – 14.30	IBD: Unravelling the role of lymphatic system and discovery of therapeutic options Dimitrios Nikolakis
<b>14.30 – 14.45</b>	<b>Coffee Break</b>
<u>Organoids – Chairs:</u>	<u>Utkarsh Mahamune and Agner Parra Sanchez</u>
14.45 – 15.00	The role of Lymph Node Stromal Cells in 3D lymphoid organoid models Andrew Morrison
15:00 – 15.15	Engineering a 3D spheroid-based model of rheumatoid arthritis synovial tissue to investigate interaction between different cell types and test the effects of novel therapeutic compounds Eva Philippon
15.15 – 15.30	Molecular targeting of angiogenesis for imaging and therapy in Rheumatoid Arthritis. Fatemeh Khodadustvaskasi
15.30 – 16.00	Quiz Time (Agner + Sofia)
<b>16.00 – 18.00</b>	<b>Borrel</b>