



**October 25<sup>th</sup>, 2021, Venue: Lecture room (Collegezaal) 4, AMC**

**9:00 - 9:05** Short Welcome and intro - *Lisa van Baarsen, coordinating PI*

**Fellow presentations (5 minutes, 5 minutes discussion- focus; We would like to very shortly recapitulate the research goal and then the progress so far).**

**Chair: Sander Tas/ Eva Phillipon**

**9:05 - 9:15** Initiate a pilot prevention trial in individuals at high risk for developing rheumatoid arthritis - *Giulia Frazzei (ESR1)*

**9:15 - 9:25** Treat-to-target in systemic lupus erythematosus: design of a pilot study - *Agner Parras (ESR2)*

**9:25 - 9:35** Gene expression in the HLA complex in autoimmune disease - *Adrian Durotin (ESR3)*

**9:35 – 9:45** Clonal isotyping of the B cell response in autoimmunity - *Armando Olivieri (ESR4)*

**9:45 – 9:55** ***(Short break for a breather..;-)***

**Chair: Niek de Vries/ Adrian Durotin**

**9:55 – 10:05** Study the molecular and cellular features of human lymph node T cells during the earliest phases of systemic autoimmunity - *Aoife O'Byrne (ESR5)*

**10:05 – 10:15** The role of B cells in ANCA-associated vasculitis - *Ana Merino Vico (ESR7)*

**10:15 – 10:25** State-of-the-art in vivo PET-CT imaging of immune cell subsets in chronic inflammatory diseases and cancer - *Eva Phillipon (ESR8)*

**10:25 – 10:35** Characterize the molecular pathways activated during the pre-clinical phase of spondyloarthritis - *Ihsan Hammoura (ESR9)*

**10:35 – 11:00** **Coffee/Tea break – award ceremony best video**

**Chair: Joep Grootjans/Sofia Liddle**

11:00 – 11:10 The Implication of the Lymphatic System in the Pathogenesis of Inflammatory Bowel Disease and the Development of Immunogenicity against Therapeutic Monoclonal Antibodies- *Dimitrios Nikolakis (ESR10)*

11:10 – 11:20 Understanding auto-immune disorders through computational modelling - *Utkarsh Mahamune (ESR11)*

11:20- 11:30 Systematic evaluation of B cell clonal families inference approaches - *Daria Balashova (ESR12)*

11:30– 11:40 Understanding the etiology of IBD associated extraintestinal manifestations and cancer - *Liddle Sofía Frigerio (ESR13)*

11:40 – 11:50 Activated PI3K $\delta$  in Systemic lupus Erythematosus (SLE) - *Elham Sadat Mirfazeli (ESR14)*

11:50 – 12:00 Anti-SARS-CoV-2 IgG from severely ill COVID-19 patients promotes macrophage hyper-inflammatory responses - *Chiara Geyer (ESR15)*

**12:00 – 13:00 Lunch**

**Chair proposal: Jeroen den Dunnen/Chiara or Sona**

13:00 – 13:10 Metabolic reprogramming of human myeloid immune cells during chronic inflammation - *Sona Allaverdiyeva (ESR16)*

13:10 – 13:20 Immune monitoring of macrophages in the development and progression of rheumatoid arthritis and immune checkpoint inhibitor-induced rheumatic manifestations - *Aiarpi Ezdoglian (ESR17)*

13:20 – 13:30 Molecular imaging of angiogenesis and therapeutic effects of anti-angiogenetic agents in rheumatoid arthritis - *Khodadustvaskasi, Fatemeh (ESR18)*

13:30 – 13:40 *short break*

13:40 – 13:50 Development of immune competent gut on chip model - *Melis Asal (ESR19)*

13:50 – 14:00 Development of a Lymph Node-on-chip - *Andrew Morrison (ESR20)*

**14:00 – 14:30** The core facilities -imaging -*Eric Reits*

**14:30 – 15:00** **Coffee/Tea break**

**Chair: Conny/Fatemeh/Aiarpi**

- 15:00-15:30** Possible techniques available within the core facilities of Genomics (CFG)- *Elisabeth Lodder*
- 15:30-16:00** **Title:** Picking up good 'fibrations' for the joints (via Teams)- *Mario Zaiss, Erlangen, Germany*
- 16:00-16:15** Results questionnaire - *Laurian Jongejan, project manager*
- 16:15-16:30** Concluding remarks - *Ronald van Vollenhoven, coordinating PI*
- 16.30-17.30** **Drinks and snacks to foster collaboration**