

42nd European Workshop for Rheumatology Research

9th – 11th March 2023, TCD, Dublin

Programme

Thursday 9th March 2023

13.30: EULAR study groups

16.00-16.15: Welcome and opening remarks

16.15-17.45 **Session 1 – Tissue modelling & Regulation of Fibroblasts**

- Caroline Ospelt (Ch)
'Genetic and epigenetic activation of synovial fibroblasts in rheumatoid arthritis'
- George Kollias (Gre)
'Fibroblasts as orchestrators of Immunity and Inflammation'
Abstracts x3

17.45-18.30 **Key Note 1 – Fergus Shanahan (Ire)**
'The Microbiome: what is normal?'

Welcome Reception – The Long Room, TCD

Friday 10th March 2023

8.30-10.00 **Session 2 - Genetics & Epigenetics**

- Cindy Boer (NL)
TBC
- Esteban Ballestar (Esp)
'Cell Type Contributions to Epigenetic Dysregulation in Autoimmune Disease'
Abstracts x3

10.00-10.30 **Coffee**

10.30-12.00 **Session 3 – Metabolic Programming in Autoimmune & Inflammatory Diseases**

- Suzanne Cloonan (Ire)
'IRONWARS: the battle for iron in the alveolar space'
- Claudia Mauri (UK)
'Metabolic requirement of regulatory B cells'
Abstracts x3

12.00-14.00 **Lunch**

14.00-15.30 Session 4 - Innate immunity & Cellular repair

- Sophia Maschalidi (Bel)
'Dendritic cells and SLC transporters in apoptotic cell clearance and tissue repair'
- Andreas Rammings (Ger)
'What does molecular imaging tell us about tissue reparation in arthritis'
Abstracts x3

15.30-16.00 Coffee

16.00-17.30 Session 5 – Stem cells & Tissue microenvironment

- Cosimo de Bari (UK)
'Progenitors and fibroblasts in synovium: Two sides of the same coin?'
- Monika Biniecka (Pol)
'Human iPSC-Derived Cardiomyocytes for Investigation of Immunological Links Between Rheumatoid Arthritis and Cardiovascular Complications'
Abstracts x3

18.00 – 18.45 Key note II – Luke O'Neill

'Adventures in Immunometabolism Research'

Saturday 11th March 2023

8.30-10.00 Session 6 – Regenerative Medicine, Cartilage & Bone

- Danny Kelly (Ire)
'Biomaterials and 3D Bioprinting for Joint Regeneration'
- Rik Lories (Bel)
'Novel factors that regulate cartilage homeostasis'
Abstracts x3

10.00-10.30 Coffee

10.30-12.00 Session 7 – Adaptive Immunity & Patient Stratification

- Andy Cope (UK)
'Translating cellular and molecular signatures of RA risk into the Clinic'
- Vivianne Malmström (Swe)
'Current understanding of T cells in rheumatoid arthritis (RA) – antigen specificities, repertoires and effector functions'
Abstracts x3

12.00-14.00 Lunch

14.00-15.30 Session 8 – Can nutrition & circadian rhythm shape immune responses?

- Mario Zaiss (Ger)
'News from the gut-joint axis in rheumatoid arthritis'
- Annie Curtis (Ire)
'It is just a matter of time, how circadian rhythms shape innate immunity'
Abstracts x3

15.30-16.00 Coffee

16.00-17.30 Session 9 – Cellular Niches & Immune function

- Lisa Van Baarsen (NL) –
'Role of cellular niches in the development of RA, including the pre-clinical phase'
- Charlotte Scott (Bel)
'Using single cell and spatial transcriptomics to probe macrophage-niche interactions''
Abstracts x3

18.00- 18.45 Key Note III - Ellen Gravallesse (USA)
'New insights into inflammation and bone in rheumatic diseases'

19.30-Late Networking Event & Farewell Dinner