THURSDAY, 19TH SEPTEMBER 2019

08:00 – 09:00 Conference Registration

09:00 - 09:15 Conference Open/Welcome:
   Ed Lavelle, Trinity College Dublin.
   President - Irish Society for Immunology.
   Annie Curtis, Royal College of Surgeons in Ireland.

SESSION 1: IMMUNOMODULATION AND METABOLISM
   Chair and Co-Chair: Claire McCoy (RCSI) & Richie Carroll (RCSI)

09:15 - 09:55 “Environment control of T cell function”
   Doreen Cantrell
   University of Dundee, Scotland.

09:55 - 10:10 S001: “Training of hematopoietic stem cells by helminth products induces long-term trained immunity that protects against autoimmune disease.”
   Kyle Cunningham
   Trinity College Dublin, Ireland.

   Diana Moreira
   Trinity College Dublin, Ireland.

10:25 - 10:55 TEA/COFFEE, POSTERS AND TRADE EXHIBITIONS

   David Sancho
   CNIC, Madrid, Spain.

11:35 - 11:50 S003: “The core clock protein BMAL1 regulates antigen processing in dendritic cells by altering cellular calcium location to control mitochondrial morphology.”
   Mariana Cervantes
   Royal College of Surgeons in Ireland, Dublin, Ireland.

11:50 - 12:05 S004: “Immune checkpoint blockade reverses obesity-associated defects in anti-tumour immunity.”
   Lydia Dyck
   Trinity College Dublin, Ireland.

12:05 - 13:00 Selected 3 min Flash Presentations Session I – PhD Students (FPI - 01 to FPI - 12)
   Chair: Kingston Mills
   Trinity College Dublin, Ireland.

13:00 - 14:00 Lunch, Posters and Trade Exhibition

SESSION 2: HOST-PATHOGEN INTERACTIONS
   Chair and Co-Chair: Pat Walsh (TCD) & Shauna Quinn (TCD)

14:00 - 14:40 “Tolerance tuning via GPCR-sensing of bacterial-derived metabolites.”
   Liam O’Mahony
   APC, University of Cork, Ireland.

14:40 - 14:55 S005: “Complexity of pleural cavity macrophages during filarial nematode infection.”
   Conor Finlay
   University of Manchester, UK.

14:55 - 15:10 S006: “The Mal-Interferon-gamma receptor axis is a key modulator of inflammation and susceptibility during pneumococcal disease.”
   Natalia Munoz-Wolf
   Trinity College Dublin, Ireland.

15:10 - 15:40 TEA/COFFEE, POSTERS AND TRADE EXHIBITIONS

15:40 - 15:55 S007: “Friend retrovirus infection induces the development of memory-like natural killer cells.”
   Elisabeth Littwitz-Salomon
   University of Essen, Germany & Trinity College Dublin, Ireland.

15:55 - 16:10 S008: “Stimulation of Human V 2+ T cells by the HMBPP-negative Gram-positive Bacterium Staphylococcus aureus.”
   Andrew Cooper
   Trinity College Dublin, Ireland.

16:10 - 16:50 “Helminth infections, immune modulation and insulin resistance.”
   Maria Yazdanbakhsh
   LUMC, Leiden University Medical Centre, The Netherlands.

17:00 - 19:00 POSTER SESSION, WINE RECEPTION & TRADE EXHIBITION.
   Exam hall, Royal College of Surgeons In Ireland.

19:00 - 22:00 BANQUET DINNER
   College Hall, Royal College of Surgeons In Ireland.

FLASH TALKS – THURSDAY:
   Ross Ward, Alexander Hoofman, George A. Timmons, Harry Kane, Mimmi Lundahl, Michelle Kickham, Lucy Curham, Andrew O’Connor, Jenny M. Mannion, Gráinne Jameson, Aoiife Keogh, Katharine A. Shanahan
FRIDAY, 20TH SEPTEMBER 2019

SESSION 3: CLINICAL AND TRANSLATIONAL IMMUNOLOGY
Chair and Co-Chair: Niall Conlon (St. James Hospital) & Melissa Conroy (TCD).

09:00 - 09:40 “How early can we predict development of RA?”
Ursula Fearon
Trinity College Dublin, Ireland.

09:40 - 10:20 “Joint perspectives: investigating synovial inflammation in rheumatoid and psoriatic arthritides.”
Leonie Taams
Kings College London, UK.

10:20 - 10:35 S009: “CNA activation can improve immune responses to ALUM and other potential vaccine adjuvants in neonates.”
Kiva Brennan
National Children’s Research Centre Crumlin & Trinity College Dublin, Ireland.

10:35 - 10:50 “Engineering adoptive T cell therapy to co-opt Fas ligand-mediated death signalling in solid tumors.”
Kristen G. Anderson
Fred Hutchinson Cancer Research Centre, Seattle, USA.

10:50 - 11:20 TEA/COFFEE, POSTERS AND TRADE EXHIBITIONS

SESSION 4: IMMUNE SIGNALLING
Chair and Co-Chair: Paul Moynagh (Maynooth University) & Jen Dowling (RCSI).

14:20 - 15:00 “How genetic risk variants of age-related macular degeneration promote the pathogenic accumulation of mononuclear phagocytes.”
Florian Sennlaub
Vision Institute, Paris, France.

15:00 - 15:15 S011: “Negative regulation of caspase-11 by Prostaglandin E2: a role for caspase-11 in asthma.”
Zbigniew Zaslona
Trinity College Dublin, Ireland.

15:15 - 15:30 S012: “SARM regulates IL-1 production yet contributes to pyroptosis following AIM2 inflammasome activation.”
Michael Carty
Trinity College Dublin, Ireland.

15:30 - 16:00 TEA/COFFEE, POSTERS AND TRADE EXHIBITIONS

16:00 – 16:40 “TLR signalling rewires macrophage metabolism to licence inflammatory responses.”
Eicke Latz MD
University of Bonn, Germany.

16:40 - 17:20 “Engineering new therapies at the interface of coagulation and immunity.”
Roger Preston
Royal College of Surgeons in Ireland, Dublin, Ireland.

17:20 - 17:30 Award of Presentation Prizes

17:30 Close of Conference

FLASH TALKS – FRIDAY:
Roisin M Loftus, Craig McEntee, Marah C. Runtsch, James O. Early, Stefano Angiari, Kate McQuaid, Aoife M. McGinley, Marcin Baran

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