## 2nd International EFIS/EJI FOR2799 Workshop

“Receiving and Translating Signals via γδ TCR”

### POSTER SESSION (Monday, June 20, 6:45 – 8:00 pm)

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<tr>
<th>Nr.</th>
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| 1   | Martin Brennan  
Trinity College Dublin | Regulation of IL17A and IL17F expression on gd-T cells by dietary fats in the murine gut. |
| 2   | Anna Maria Mavrigiannaki  
The Francis Crick Institute | The role of γδ T cell receptor in γδ T cell-mediated anti-tumour immunity |
| 3   | Ambra Natalini  
The Francis Crick Institute,  
ImunoSurvaillance Lab | Dissecting the regulation of Butyrophilin-like molecules in normality and disease |
| 4   | Leticia Monin  
The Francis Crick Institute | Stress antigen versus butyrophilin-mediated TCR engagement in gd T cell activation |
| 5   | Robin Dart  
Peter Gorer Dept of Immunobiology | Normalisation of Vg2/3/4 CD103 expression is associated with a homeostatic phenotype and improved outcomes in inflammatory bowel disease |
| 6   | Julie Darrigues  
Instituto de Medicina Molecular João Lobo Antunes Universidade de Lisboa | Stress-derived signals control γδ17 T cell homeostasis |
| 7   | Sofia Mensurado  
Instituto de Medicina Molecular -  
João Lobo Antunes | Dissecting and enhancing the molecular targeting of Acute Myeloid Leukemia by allogeneic Delta One T cells |
| 8   | Anna Morath  
University of Freiburg | RASEF enhances γδ TCR signaling |
| 9   | Anne-Charlotte Le Floch  
Inserm | Targeting BTN2A1 enhances anti-tumor functions of Vγ9Vδ2 T cells |
| 10  | Ben Willcox  
University of Birmingham | Transcriptional profiling of human Vδ1 T-cells reveals a pathogen-driven adaptive differentiation programme |
| 11  | Christian Peters  
Institute of Immunology, UKSH | What controls Vdelta2 T(9) versus Vdelta2 T(reg) differentiation? |
| 12  | Hans-Heinrich Oberg  
UKSH, Institute of Immunology | Bispecific T Cell Engagers down-regulate expression of inhibitory check point molecules on tumor-infiltrating γδ T cells |
| 13  | Lihua Deng  
UKE, Institute of Systems Immunology | Sequence pattern analyses for Vδ2 T cells based on TCRdist |
14 Zheng SONG
UKE, Institute of Systems Immunology

Ultra-high Throughput Single-cell TCR and Transcriptome Sequencing Using Combinatorial Barcoding RNA-seq

15 Maria Papadopoulou
Université Libre de Bruxelles, ULB Center for Research in Immunology

Human liver γδ T cells show TCR focusing and increased cytotoxicity in CMV-associated biliary atresia children.

16 Dejou Cécile
IRCM, Montpellier

Metabolic program analysis of effector and regulatory human γδ T cell populations and impact on the anti-tumoral response

17 Elisa Catafal-Tardós
Technical University of Denmark (DTU)

Regulation of inhibitory checkpoint receptor expression and the impact of checkpoint inhibitor therapy on human γδ T cell subsets

18 Marcelo Gregorio Filho Fares da Silva
Health Technology, Technical University of Denmark

Intestinal γδT17 cells have a distinct immunophenotype and depend on TCR signals

19 Maria Virginia Baglioni
DTU Health Tech, Kongens Lyngby

Intestinal γδT17 cells exit the thymus to localize in the embryonic gut and require the neonatal environment and Tbet for normal development and function

20 Yu-San Kao
UMC, Mainz

Targeting lipid metabolism of IL-17 producing γδ T cells in psoriasis

21 Hans-Willi Mittrücker
UKE, Institute for Immunology

Kidney-resident γδT cells control chronic Staphylococcus aureus infection

22 Sara Terzoli
Humanitas University

Longitudinal high-throughput γδ TCR repertoire profiling following mRNA vaccination against SARS-CoV-2

23 Angelo Meringa
UMC Utrecht, Center for Translational Immunology

Early cancer immune surveillance via Vg9Vd2 TCR T cells regulated by novel BTN3A1-linked protein network

24 Tao Yang
Hannover Medical School

Deciphering the epigenetic regulation and age-dependent heterogeneity of Vy4+ T cells at single-cell resolution

25 Kewei Ye
Karolinska Institutet

Transcriptome-wide screen for gdTCR specificities identifies a novel superantigen-like ligand candidate for Vg7 gdTCRs

26 Paolo Marzano
University of Milan

The diversity in the responses to SARS-CoV-2 reveals substantial γδ T cell intercellular heterogeneity at single-cell resolution

27 Robert Wiesheu
University of Glasgow

Investigating the potential of Ly6C-expressing anti-tumour γδ T cells for cancer immunotherapy