

Program		
May 29 Wednesday	Day 1	Arrival
15:00-18:00		Registration
19:00		Welcome Dinner
May 30 Thursday	Day 2	
7:00-8:15		Breakfast
8:30-11:00		Session 1: Systems Immunology of Infections
		Chair: Anne O'Garra
8:30-9:00		Tom Ottenhoff, Leiden University Medical Center, The Netherlands
9:00-9:30		Adrian Hayday, The Francis Crick Institute, UK
9:30-9:50		Shai Shen-Orr, Technion-Israel Institute of Technology, Israel
9:50-10:10		Michelle Linterman, Babraham Institute, UK
10:10-11:00		Jorge Domínguez-Andrés, Radboud UMC, The Netherlands
		Simone Moorlag, Radboud UMC, The Netherlands
		Wivine Burny, GSK Vaccine, Belgium
		Jayanti Mania-Pramanik, ICMR-National Institute for Research in Reproductive Health, India
11:00-11:30		Coffee break & Poster viewing
11:30-13:45		Session 2: Discovering and Translating Human T cell Immunity
		Chair: Peter Katsikis
11:30-12:00		Rene van Lier, Sanquin, The Netherlands
12:00-12:30		Peter Katsikis, Erasmus University Medical Center, The Netherlands
12:30-13:45		Sascha Rutz, Cancer Immunology, Genentech, South San Francisco, United States of America
		Agnese Losurdo, Humanitas Research Hospital, Italy
		Manzhi Zhao, Erasmus University Medical Center, The Netherlands
		Etienne Masle-Farquhar, Garvan Institute of Medical Research, Australia
		Lisanne Lutter, University Medical Centre Utrecht, The Netherlands
		Emmanuelle Godefroy, CRCINA, INSERM U1232, France
13:45		Lunch
18:30-19:30		Poster viewing & Drinks
19:30		Dinner
May 31 Friday	Day 3	
7:00-8:15		Breakfast
8:30-11:06		Session 3: Discovering and Translating Human T cell Immunity
		Chair: Federica Sallusto
8:30-9:20		Mark Davis, Stanford University, USA
9:20-9:50		Federica Sallusto, Università della Svizzera Italiana, Switzerland
9:50-10:10		Rama Amara Rao, Emory University, USA
10:10-10:30		Amit Awasthi, Translational Health Science and Technology Institute, India
10:30-11:06		Eloise Scamardella, Humanitas Research Hospital, Italy
		Steven Koetzier, Erasmus University Medical Center, The Netherlands
		Julia Bier, Immunology, Garvan Institute, Sydney, Australia
11:06-11:30		Coffee break & Poster viewing
11:30-13:45		Session 4: Understanding and Translating Human B cell responses
		Chair: Rene Toes
11:30-12:00		Antonio Lanzavecchia, Università della Svizzera Italiana, Switzerland
12:00-12:30		Xiao-Ning Xu, Imperial College London, UK
12:30-13:00		Rene Toes, Leiden University Medical Center, The Netherlands
13:00-13:20		Joshy Jacob, Emory University, USA
13:20-13:45		Joanne H Reed, Garvan Institute of Medical Research, Australia
		Ian Setliff, Vanderbilt University Medical Center, USA
13:45		Lunch
18:30-19:30		Poster viewing & Drinks
19:30		Dinner

Non-classical innate and adaptive immunity in host defence against Mycobacterium tuberculosis in humans

Epithelial regulation and dysregulation of human adaptive T cells

Charting the Immunological Landscape – System Dynamics and Clinical Implications

The adjuvant GLA-SE promotes human Tfh cell expansion and emergence of public TCR clonotypes

The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity

BCG-vaccination induces innate memory in human neutrophils leading to nonspecific protection against reinfection

Transcriptomics analysis of early responses to HBs vaccines containing an Adjuvant System in humans

Contribution of host immunogenetic factors towards risk of HIV transmission: A study in Indian cohorts

Leaving home: A role for TRM in Systemic Immunity?

miRNA as regulators of CTL immunity

Gene editing in primary human T cells using CRISPR/Cas9

Defining T cell dysfunctionality in breast cancer by single cell analysis: implications for immunotherapy

Establishment of an in vitro CD8 T cell exhaustion model

The effects of Germline STAT3-activating mutations from autoimmunity and lymphoid malignancy on mouse and human T cell development and function

Characterization of regulatory T cell programming and heterogeneity in an autoimmune inflammatory environment

A novel gut-derived microbiota-specific circulating CD4+/CD8a+ human Treg subset: potential roles in homeostasis and diseases

Tools for T cells: Specificity and function in autoimmunity, infectious diseases and cancer

Human Memory T Cell Subsets: From Phenotype To Function

PD-1 Blockade Combined with Therapeutic Vaccination for Functional Cure Against HIV/AIDS

EGFR-HIF1a signalling axis positively regulates the development of Th9 cells

Interferon regulatory factor (IRF8) regulates memory formation by restraining FOXO1 expression

Deciphering glucocorticoid-resistant T helper cells driving multiple sclerosis disease activity

Activated PI3K Delta Syndrome: dissecting the effects of PI3K hyperactivation over T helper differentiation and function

Lessons from the analysis of the immune response to P. falciparum: the power of clonal selection

Dissection of antibody responses to emerging infections in humans by yeast display

Take the bitter with the sweet; on the role of variable domain glycans and the breach of tolerance of auto-reactive B-cells in Rheumatoid Arthritis

Templated mutagenesis and the origin of B cell somatic mutants

Evolution of Pathogenic Autoantibody by Lymphoma Mutations in Rogue B Cell Clones

High-throughput mapping of B-cell receptor sequence to antigen specificity

June 1 Saturday Day 4		
7:00-8:15	Breakfast	
8:30-11:05	Session 5: Tumor Immunotherapy	
	Chair: Stephen Schoenberger	
8:30-9:00	Ugur Sahin, BioNTech Pharmaceuticals, Germany	RNA-based vaccine approaches
9:00-9:30	Stephen Schoenberger, La Jolla Institute for Allergy & Immunology, USA	Functional identification of tumor NeoAg
9:30-10:00	Özlem Türeci, Cluster for Individualized ImmunIntervention (CI3), Germany	Novel immunotherapies based on targeting Claudin family members
10:00-10:20	George Pavlakis, National Cancer Institute, USA	Clinical development of heterodimeric IL-15 for cancer immunotherapy
10:20-10:40	Enrico Lugli, Humanitas Clinical and Research Center, Italy	High-Dimensional Single-Cell Profiling Identifies an Effector Treg Molecular Program Governing Human Lung Cancer Disease Progression
10:40-11:05	Zhizhang Yang, Mayo Clinic, USA	Mass cytometry defines loss of costimulatory receptor expression as a novel immune signature in follicular lymphoma
	Thomas Duhen, Providence Cancer Institute, USA	A new strategy to identify and expand tumor-reactive CD8 TILs in human solid tumors
11:05-11:30	Coffee break & Poster viewing	
11:30-13:10	Session 6: Systems Immunology and Vaccines	
	Chair: Bali Pulendran	
11:30-12:00	Bali Pulendran, Stanford University, USA	System-biological approaches to define immunological mechanisms of vaccine-induced immunity
12:00-12:30	Ken Ishii, University of Tokyo, Japan	Nuclear cytokines and extracellular nucleic acids in infection and vaccination
12:30-12:50	Ioanna Skountzou, Emory University, USA	TIV immunization with a thermostable microneedle patch-Immunogenicity and Transcriptomics results from a Phase I Clinical Trial
12:50-13:10	Petter Brodin, Karolinska Institute, Sweden	Systems-level analysis of immune variation and the influence of environmental exposures early in life
13:10	Lunch	
17:30	Tour of Asklepeion	
19:30	Dinner Restaurant Oromedon	
June 2 Sunday Day 5		
7:00-8:15	Breakfast	
8:30-11:00	Session 7: Discovering and Translating Innate Immunity	
	Chair: Roxane Tussiwand	
8:30-9:00	Mihai Netea, Radboud University Medical Center, The Netherlands	Metabolic and Epigenetic Reprogramming in trained Immunity
9:00-9:30	Anne O'Garra, The Francis Crick Institute, UK	Cytokine interference in immunity to infection
9:30-10:00	Roxane Tussiwand, University of Basel, Switzerland & NIH, USA	When origin matters: redefining the plasmacytoid dendritic cell subset
10:00-10:20	Eynav Klechevsky, Washington University in St. Louis, USA	Upstream regulation of autoimmunity and cancer via human dendritic cell subsets
10:20-10:40	Evangelos Andreakos, Biomedical Research Foundation, Academy of Athens, Greece	Lambda interferons constitute dual function cytokines mediating antiviral immunity and damage control
10:40-11:00	Dina Alexandropoulos, Icahn School of Medicine at Mount Sinai, USA	Immune Profiling and Target Identification of Human Liver Inflammatory Diseases
11:00-11:30	Coffee break & Poster viewing	
11:30-13:50	Session 8: Translating immunity: From Bedside to Bench and Back	
	Chair: Helen Su	
11:30-12:20	Anahita Fathi, University Medical Center Hamburg-Eppendorf, Germany	First-in-human clinical phase I trial of a novel virally vectored vaccine candidate against MERS-CoV
	Adriana Tomic, Stanford University, USA	SIMON, an automated machine learning system reveals immune signatures of influenza vaccine responses
	Rosa Barreira da Silva, Genentech, USA	Monocyte homeostasis is coordinated by N-terminal cyclization of CCR2 ligands
	Shyam Sushama Jose, St. Anne's University Hospital, BRNO, Czech Republic	Non-telomeric function of telomerase complex regulates pattern recognition receptors downstream signaling in tissue organoid models
12:20-12:50	Yong-Jun Liu, Sanofi, France	Translating human immunobiology to medicine
12:50-13:20	Helen Su, National Institutes of Health (NIH), USA	Mechanistic insights into human immunity through the study of a novel human immunodeficiency-immunodysregulation disorder
13:20-13:50	Rino Rappuoli, GSK Vaccines, Italy	Antimicrobial resistance, a threat for our planet as big as climate change, and the role of vaccines
13:50	Lunch	
20:00	Gala dinner	
June 3 Monday Day 6		
7:00-9:30	Breakfast	
Departure		