

TwinnToInfect Spring School 2018

MONDAY, 19th March

- 13:00 Welcome to iMM. Registration
- 14:00 **Luisa Figueiredo** - *Is fat a safe haven for Trypanosoma parasites?*
- 14:20 **Luis Graça** - *Regulation of antibody production by Tfr cells.*
- 14:40 **Ana Espada de Sousa** - *Learning from the second AIDS virus*
- 15:00 **Miguel Prudêncio** - *A new malaria vaccine enters clinical evaluation*
- 15:20 **Pedro Simas** - *A chimera for in vivo investigation of Kaposi's herpesvirus*
- 15:40 **Marc Veldhoen** - *Immune surveillance at the barriers*
- 16:00 **Bruno Silva Santos** - *The importance of being (IL-)17*
- 16:20 Coffee Break
- 16:45 Visit to iMM facilities and labs (students and post-docs)
Annual Project meeting (PIs only)
- 17:30 Bus transfer to the Hotel (http://www.hoteldomar.pt/c_index.php)
- 18:30 Check-in at Hotel
- 20:00 DINNER / Poster setup

TUESDAY, 20th March

- 09:00 - 09:10 Welcome remarks by Luisa Figueiredo and Luis Graça
- 09:10 - 09:25 **Chair 1: Margarida Saraiva (I3S)**
- 09:25 - 10:15 **KEYNOTE speaker – Judith E Allen** (The University of Manchester) – *Learning from Helminths: Macrophage activation during Type 2 immunity*
- 10:15 - 10:40 **Andreas Wack** (The Francis Crick Institute) – *Pathogenic and protective roles of interferons in influenza infection*
- 10:40 - 11:15 Coffee Break
- 11:15 - 11:30 **Céline Posseme** (Institut Pasteur) - *Dissecting IL-12p70 and IL-23 response variability in health and disease*

11:30 - 11:45	Emma Sherling (Francis Crick Institute) - <i>Plasmodium falciparum</i> rhoptry proteins play diverse roles in the asexual erythrocytic life cycle, including in erythrocyte invasion, protein export and nutrient import
11:45 - 12:00	Paulo Jose Basso (University of São Paulo) - <i>B cell-specific ampk deficiency promotes metabolic reprogramming and ameliorates experimental colitis</i>
12:00 - 13:30	LUNCH
13:30 - 13:45	Chair 2: Luís Graça (iMM)
13:45 - 14:10	Herman Waldmann (University of Oxford) – <i>Exploiting tolerance to improve therapeutic</i>
14:10 - 14:35	Adrian Liston (VIB) – <i>Shaping variation in the human immune system, in sickness and in health</i>
14:35 - 15:00	Brigitta Stockinger (The Francis Crick Institute) – <i>Environmental influences on intestinal homeostasis and inflammation</i>
15:00 - 15:15	Daisy Melandri (Francis Crick Institute) - <i>Investigating the mechanism of $\gamma\delta T$ cell selection by butyrophilin-like proteins</i>
15:15 - 15:30	Maria Brigas (iMM) - <i>Characterization of T cell subsets in the male reproductive tract</i>
15:30 - 16:15	Coffee Break
16:15 - 17:45	Round Table: <i>What is behind a successful career?</i>
17:45 - 19:30	(Free Time)
19:30 - 20:30	DINNER
20:30 - 22:00	Poster session

WEDNESDAY, 21st March

09:00 - 09:15	Chair 3: Luisa Figueiredo (iMM)
09:15 - 09:40	Nina Papavasiliou (DKFZ) – <i>Antigenic Variation in T.brucei: A Host-Pathogen Interaction Reduced to First Principles</i>
09:40 - 10:05	Ali Hakimi (Institute for Advanced Biosciences) – <i>Toxoplasma gondii Molecular Mimicry: from Immune Evasion to Parasite Persistence</i>
10:05 - 10:30	Mike Blackman (The Francis Crick Institute) – <i>Breaking out: egress of the malaria parasite from its host red blood cell</i>
10:30 - 11:15	Coffee Break

11:15 - 11:30	Anja Schlott (The Francis Crick Institute) - <i>Antimalarial NMT inhibitors: chemical biology provides insights into mode of action and resistance mutant into on target activity</i>
11:30 - 11:45	Inês Mesquita (ICVS) - <i>HIF-1α induction supresses lipid accumulation in myeloid cells and protects against Leishmania donovani infection</i>
11:45 - 12:00	João de Mello Vieira (iMM) - <i>The role of EXP2 during the invasion of the hepatocyte by Plasmodium sporozoites</i>
12:00 - 13:30	LUNCH
13:30 - 15:00	Visit to Castle of Sesimbra
15:30 - 15:45	Chair 4: Bruno Silva-Santos (iMM)
15:45 - 16:10	Caetano Reis e Sousa (The Francis Crick Institute) – <i>Innate regulations of immunity by Dendritic cells</i>
16:10 - 16:25	Afonso Basto (iMM) - <i>Impact of type-1 and type-2 adjuvants on T follicular helper and T follicular regulatory cells and germinal center responses</i>
16:25 - 16:40	Bianca Balbino (Institut Pasteur) - <i>Pathways of anaphylaxis in an adjuvant-free mouse model</i>
16:40 - 17:15	Coffee Break
17:15 - 17:40	Ana Cumano (Institut Pasteur) – <i>Lymphocyte development and lineage commitment in the embryo</i>
17:40 - 18:05	Dinis Calado (The Francis Crick Institute) - <i>Modulation of the quality of immune responses</i>
18:05 - 18:20	Clarissa Nascimento (Leiden University) - <i>The molecular chaperone, unc93b1 and the calcium sensor stim1: partners for MHC class i antigen cross presentation</i>
18:20 - 18:35	Ana Margarida Vaz (iMM) - <i>Trypanosoma brucei confers protection against Plasmodium liver infection</i>
18:30 - 19:30	(Free Time)
19:30 - 20:30	DINNER
20:30 - 22:00	Poster session

THURSDAY, 22nd March

09:00 - 09:15	Chair 5: Ricardo Silvestre (ICVS)
09:15 - 09:40	Olivier Schwartz (Institut Pasteur) - <i>Replication of ZIKA virus and innate immune countermeasures</i>
09:40 - 10:05	Anne O'Garra (The Francis Crick Institute) - <i>Transcriptomics demonstrate Type I Interferons contribute to pathogenesis in tuberculosis and block protective responses to Mycobacterium tuberculosis and other bacteria</i>
10:05 - 10:30	Jean Langhorne (The Francis Crick Institute) – <i>Chronic infection and virulence: a role for the Plasmodium pir gene family?</i>
10:30 - 11:15	Coffee Break
11:15 - 11:30	Livia Lacerda Mariano (Institut Pasteur) - <i>Novel macrophage subsets differentially impact bladder immunity to uropathogen infection</i>
11:30 - 11:45	Marta Alexandra Cova (ISGlobal) - <i>The Apicomplexa-specific glucosamine-6-phosphate N-acetyltransferase gene family encodes a key enzyme for glycoconjugate synthesis with potential as therapeutic target</i>
12:00 - 13:30	LUNCH
13:30 – 17:30	Workshop <i>Managing Your Time, Attention, and Energy</i> , by Chris Bailey Coffee break from 15:30-16:00
18:00	Departure by Bus to Lisbon.