

IMMUNOLOGY

2017

**GABBA
UNIVERSIDADE DO PORTO**

PROGRAM

FROM 20th to 31st March, 2017

THE IMMUNE SYSTEM

MONDAY 20

9:15 Brief presentation of the course **Alexandre CARMO**

9:30 - 12:30 Hematopoiesis. **Ana CUMANO**
(Institut Pasteur, INSERM - Paris)

TUESDAY 21

9:30 - 12:30 Choreographing Immunity and Tolerance Induction in the Thymus
Nuno ALVES
(IBMC - Porto)

14:30 - 17:30 The many lives of MHC molecules: antigen presentation and beyond
Fernando AROSA
(UBI, Covilhã)

WEDNESDAY 22

9:30 - 12:30 The regulation of the immune response by IL-10 **Margarida SARAIVA**
(IBMC - Porto)

14:30 - 17:30 T cell differentiation **Bruno SILVA-SANTOS**
(IMM - Lisboa)

THURSDAY 23

10:00 - 12:30 Regulatory populations of T cells. **Luis GRAÇA**
(IMM - Lisboa)

14:30 - 17:30 T cell homeostasis **Afonso ALMEIDA**
(IMM - Lisboa)

FRIDAY 24

13:00 - 14:00 How much do we know about the molecular and cellular basis of autoimmunity?
Maria BOKAREWA
(The Sahlgrenska Academy, University of Gothenburg)

15:00 - 16:30 Rheumatoid arthritis: from immunobiology to immunotherapy
Helena SOARES
(Cedoc - Lisboa)

THE IMMUNE SYSTEM

MONDAY 27 – TUESDAY 28

9:30-17:00

PRACTICAL

Flow Cytometry, single cell PCR, distribution and organization of lymphoid and stromal cells in primary and secondary lymphoid organs.

Nuno ALVES & Catarina MEIRELES
(IBMC - Porto)

WEDNESDAY 29

9:30 - 12:30

Lymphoid organogenesis and beyond

Henrique VEIGA-FERNANDES
(IMM – Lisboa)

14:30 - 17:30

Membrane trafficking and disease

Duarte BARRAL
(Cedoc – Lisboa)

THURSDAY 30

9:30 - 12:30

Vaccination

Manuel VILANOVA
(IBMC – Porto)

14:30 - 17:30

The immune response to intracellular pathogens: immune response invasive and noninvasive strategies

Gil CASTRO
(Univ. Minho – Braga)

FRIDAY 31ST

SYMPOSIUM “T cell activation”

Alexandre CARMO (chair)
(IBMC - Porto)

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THE IMMUNE SYSTEM

SYMPOSIUM "T cell activation"

FRIDAY, MARCH 31ST, 2017

Alexandre Carmo (chair)

10:00-10:45

Victor Tybulewicz, The Francis Crick Institute, London, UK

Novel pathways controlling T cell adhesion and migration

10:45-11:30

Antonella Viola, University of Padova, Italy

Signaling compartmentalization in leukocyte activation

11:30-12:00 Coffee break

12:00-12:50 Friday noon Seminar

Gillian Griffiths, Cambridge Institute for Medical Research, UK

Fine tuning of CTL killing at the immunological synapse

14:30-15:15

João Barata, Instituto de Medicina Molecular, Lisbon, Portugal

Too much of a good thing: IL-7R-mediated signaling and T-cell leukemia

15:15-16:00

Gottfried Baier, Medical University of Innsbruck, Austria

Orphan Nuclear Receptor NR2F6 as Alternative Immune Checkpoint in the T Cell Compartment