

IMMUNOLOGY

2018

**GABBA
UNIVERSIDADE DO PORTO**

PROGRAM

FROM 11th to 22nd June, 2018

THE IMMUNE SYSTEM

MONDAY 11

- 9:15** Brief presentation of the course **Alexandre CARMO**
- 9:30 - 12:30** Hematopoiesis **Ana CUMANO**
(Institut Pasteur, INSERM - Paris)

TUESDAY 12

- 9:30 - 12:30** B cell functional heterogeneity **Manuela ROSADO**
(Ospedale Pediatrico Bambino Gesù – Roma)
- 14:30 - 17:30** Membrane trafficking and disease **Duarte BARRAL**
(Cedoc – Lisboa)

WEDNESDAY 13

- 9:30 – 12:30** Choreographing Immunity and Tolerance Induction in the Thymus
Nuno ALVES
(i3S - Porto)

THURSDAY 14

- 9:30 – 12:30** T cell activation **Alexandre CARMO**
(i3S - Porto)
- 14:30 - 17:30** T cell homeostasis **Afonso ALMEIDA**
(IMM - Lisboa)

FRIDAY 15

SYMPOSIUM “T cell activation”

Alexandre CARMO (chair)
(i3S - Porto)

THE IMMUNE SYSTEM

MONDAY 18 – TUESDAY 19

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
(i3S - Porto)

WEDNESDAY 20

9:30 - 12:30 The regulation of the immune response by IL-10 **Margarida SARAIVA**
(i3S - Porto)

14:30 - 17:30 Regulatory populations of T cells **Luis GRAÇA**
(IMM - Lisboa)

THURSDAY 21

9:30 - 12:30 Vaccination **Manuel VILANOVA**
(i3S – Porto)

14:30 - 17:30 Immune subsets in the tumour microenvironment and their role during (immuno)therapies
Karine SERRE
(IMM - Lisboa)

FRIDAY 22

9:30 - 12:30 The immune response to intracellular pathogens: immune response invasive and noninvasive strategies
Gil CASTRO
(Univ. Minho – Braga)

14:30 - 17:30 Rheumatoid arthritis: from immunobiology to immunotherapy
Helena SOARES
(Cedoc – Lisboa)

Email address of the coordinator:

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THE IMMUNE SYSTEM

SYMPOSIUM "T cell activation"

FRIDAY, JUNE 15TH, 2018

Alexandre Carmo (chair)

9:00-9:15

Alexandre Carmo

Welcome

9:15-10:00

Florian Baumgart, Vienna University of Technology, Austria

Exploring the nanoscale architecture of the T cell plasma membrane by single molecule superresolution microscopy

10:00-10:45

Omer Dushek, University of Oxford, UK

Control of T cell responses by accessory receptors

10:45-11:15 Coffee break

11:15-12:00

Peter Steinberger, Medical University of Vienna, Austria

Coinhibitory pathways: PD-1, CTLA-4, BTLA, LAG-3 and beyond

12:00-12:50 Friday noon Seminar

Claire Hivroz, Institut Curie, Paris, France

Biophysical aspects of T lymphocyte activation

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