

MODULO DE IMUNOLOGIA

2012

**GABBA
UNIVERSIDADE DO PORTO**

with the collaboration of the INSERM, FRANCE

PROGRAM

FROM February 27 to March 16 2011

THE IMMUNE SYSTEM

WEEK 1:

MONDAY 27 (Main Auditorium)

9:30 Apresentação do curso **Antonio FREITAS, Benedita ROCHA**

9:30 - 12:30 Introduction. The immune system **Antonio FREITAS**
(Institut Pasteur - Paris)

14:30 - 17:30 Introduction. T cell differentiation **Benedita ROCHA**
(Univ. Paris Descartes, INSERM - Paris)

TUESDAY 28 (Main Auditorium)

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

14:30 - 17:30 Lymphoid organogenesis **Henrique VEIGA-FERNANDES**
(IMM – Lisboa)

WEDNESDAY 29 (9.30-13: Auditorium B; 14-18: Main Auditorium)

9:30 - 18:00 **Workshop: RAG proteins and receptor diversity.**
Vasco BARRETO
(IGC, Oeiras)
Louis du PASQUIER
(Université de Bâle - Switzerland)
Jean-Pierre de VILLARTAY
(Univ. Paris Descartes, INSERM - Paris)

THURSDAY 1 (Main Auditorium)

9:30 - 12:30 Lymphocyte homeostasis **Antonio FREITAS**
(Institut Pasteur - Paris)

14:30 - 17:30 B cell selection **Richard CORNALL**
(Oxford University – Oxford, UK)

FRIDAY 2 (morning: Auditorium B; afternoon: Main Auditorium)

9:30 - 12:30 Somatic hypermutation and B cell memory **Claude-Agnes REYNAUD**
(Univ. Paris Descartes, INSERM - Paris)

14:30 - 17:30 B cell functional heterogeneity **Manuela ROSADO**
(Ospedale Pediatrico Bambino Gesù- Roma)

THE IMMUNE SYSTEM

WEEK 2:

MONDAY 5 (Main Auditorium)

9:00 - 12:00 Antigen processing and presentation.

Philippe PIERRE
(CIML – Marseille)

Duarte BARRAL
(FCM – Lisboa)

14:30 - 17:30 T cell responses and memory

Benedita ROCHA
(Univ. Paris Descartes, INSERM - Paris)

TUESDAY 6 (Main Auditorium)

9:30 - 12:30 Development and function of gd T cells

Bruno SILVA-SANTOS
(IMM – Lisboa)

14:30 - 17:30 T cell differentiation in the gut

Benedita ROCHA
(Univ. Paris Descartes, INSERM - Paris)

WEDNESDAY 7 (9.30-13: Auditorium B; 14-18: Main Auditorium)

9:30 - 17:30 **Workshop: Regulatory T cells**

Luis GRAÇA (chair)
(IMM – Lisboa)

Adrian LISTON
(Univ. Louvain - Belgium)

Stephen COBBOLD
(Oxford Univ. - UK)

THURSDAY 8 (Main Auditorium)

9:30 -12:30 Immune pathology of Diabetes

Lucienne CHATENAUD
(Univ. Paris Descartes, INSERM - Paris)

14:30 - 17:30 Inflammation

Miguel SOARES
(IGC, Oeiras)

FRIDAY 9 (Main Auditorium)

9:30 - 18:00 **Workshop: Lymphocyte activation**

Alexandre do CARMO (chair)
(IBMC - Porto)

Andres ALCOVER (Institut Pasteur - Paris), **Hai-Tao HE** (CIML - Marseille),
Simon DAVIS (Oxford Univ. - Oxford), **Balbino ALARCON** (CBMSO - Madrid)

THE IMMUNE SYSTEM

WEEK 3:

MONDAY 12 (Main Auditorium)

9:30 - 12:30 Lymphocyte motility

Joao Pedro PEREIRA
(Yale Univ., USA)

14:30 -17:30 Toll-like receptors.

Lena ALEXOPOULOU
(CIML- Marseille)

TUESDAY 13 (Main Auditorium)

9:30-17:00 Flow Cytometry and single cell PCR
Marta MONTEIRO & Catarina LEITAO

(IMM – Lisboa & IBMC - Porto)

WEDNESDAY 14 (9.30-13: Auditorium B; 14-17: Main Auditorium)

9:30-17:00 Flow Cytometry and single cell PCR
Marta MONTEIRO & Catarina LEITAO

(IMM – Lisboa & IBMC - Porto)

THURSDAY 15 (9.30-10.30: Auditorium B)

9:30 - 17:30 The spatial distribution and organization of lymphoid and stromal cells in primary and secondary lymphoid organs.
Nuno ALVES

(IBMC)

FRIDAY 16 (9.30-10.30: Auditorium B)

9:30 - 17:30 The spatial distribution and organization of lymphoid and stromal cells in primary and secondary lymphoid organs.
Nuno ALVES

(IBMC)

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