

MODULO DE IMUNOLOGIA

2013

**GABBA
UNIVERSIDADE DO PORTO**

with the collaboration of the INSERM, FRANCE

P R O G R A M

FROM January 31 to February 15 2012

THE IMMUNE SYSTEM

THURSDAY 31 (ROOM C)

9:30	Apresentação do curso	Antonio FREITAS, Benedita ROCHA
9:30 - 12:30	Hematopoiesis.	Ana CUMANO (Institut Pasteur, INSERM - Paris)
14:30 - 17:30	T cell differentiation	Benedita ROCHA (Univ. Paris Descartes, INSERM - Paris)

FRIDAY 1 (ROOM C)

9:30 - 12:30	RAG proteins and receptor diversity.	Marie BONNET (IGC, Oeiras)
14:30 - 17:30	Somatic hypermutation and B cell memory	Claude-Agnes REYNAUD (Univ. Paris Descartes, INSERM - Paris)

MONDAY 4 (ROOM C)

9:30 - 12:30	B cell functional heterogeneity	Manuela ROSADO (Ospedale Pediatrico Bambino Gesù - Roma)
14:30 - 17:30	Antigen processing and presentation.	Philippe PIERRE (CIML - Marseille)

TUESDAY 5 (ROOM C)

9:30 - 12:30	Lymphocyte homeostasis	Antonio FREITAS (Institut Pasteur - Paris)
14:30 - 17:30	T cell responses and memory	Benedita ROCHA (Univ. Paris Descartes, INSERM - Paris)

WEDNESDAY 6 (MORNING 0.33; AFTER-NOON ROOM C)

9:30 - 12:30	Cell biology of the immune cells.	Luis MOITA (IMM - Lisboa)
14:30 - 17:30	Regulatory T cells	Luis GRAÇA (IMM - Lisboa)

THURSDAY 7 (ROOM C)

9:30 - 12:30	Lymphoid organogenesis	Henrique VEIGA-FERNANDES (IMM - Lisboa)
14:30 - 17:30	Lymphocyte motility	Antonio PEIXOTO (Toulouse - France)

FRIDAY 8 (ROOM C)

9:30 - 12:30	Development and function of gd T cells	Bruno SILVA-SANTOS (IMM - Lisboa)
14:30 - 17:30	HIV	Ana SOUSA (IMM - Lisboa)

THE IMMUNE SYSTEM

MONDAY 11 – THURSDAY 14

9:30-17:00

PRACTICALS

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

Nuno Alves, Marta MONTEIRO & Catarina LEITAO

(IMM – Lisboa & IBMC – Porto)

MONDAY 11

9:00-10:00 Auditorium C

Anatomical location of primary and secondary lymphoid organs (Nuno Alves)

10:30-13:00 Bioterio + Laboratoy of Nuno Alves (CAGE)

(Nuno Alves, Ana Ribeiro, Pedro Mendes, Catarina Meireles)

Dissection of mice, Internal Examination and organ collection; CellCounting and Staining

14:30 - 17:00 Auditorium C - Flow Cytometry theory (Catarina Leitão and Marta Monteiro)

TUESDAY 12

9:30-12:00 Auditorium C - Flow Cytometry theory (Catarina Leitão and Marta Monteiro)

13:30-17:00 Flow cytometry platform - Flow Cytometry practical - Acquisition and cell sorting (Catarina Leitão and Marta Monteiro)

MONDAY 11

9:30-12:00 Meeting room 0.33 - Flow cytometry analysis (Catarina Leitão)

14:00-17:00 Platforms Histology Electron Microscopy and Advanced Light Microscopy (Nuno Alves, Rui Fernandes and Paula Sampaio)

THURSDAY 14

9:30-12:00 Platforms Histology Electron Microscopy and Advanced Light Microscopy (Nuno Alves, Pedro Rodrigues, Rui Fernandes and Paula Sampaio)

14:30 - 17:00 Auditorium C - Data analysis and data presentation

Talk: Thymocyte-Thymic Epithelial Cell Crosstalk in the Thymus (Nuno Alves)

FRIDAY 15
(Main Aud.)

SYMPOSIA “Lymphocyte activation”
(IBMC - Porto)

Alexandre do CARMO (chair)

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