

**MÓDULO DE IMUNOLOGIA**

**2015**

**GABBA  
UNIVERSIDADE DO PORTO**

**P R O G R A M**

**FROM March 2 to March 20 2015**

## THE IMMUNE SYSTEM

### MONDAY 2

- 9:15** Apresentação do curso **Antonio FREITAS, Benedita ROCHA**
- 9:30 - 12:30** Hematopoiesis **Ana CUMANO**  
(Institut Pasteur, INSERM - Paris)
- 14:30 - 17:30** RAG proteins and receptor diversity. **Vasco BARRETO**  
(IGC, Oeiras)

### TUESDAY 3

- 9:30 - 12:30** Lymphoid organogenesis **Henrique VEIGA-FERNANDES**  
(IMM – Lisboa)
- 14:30 - 17:30** B cell functional heterogeneity **Manuela ROSADO**  
(Ospedale Pediatrico Bambino Gesu - Roma)

### WEDNESDAY 4

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

### THURSDAY 5

- 9:30 – 12:30** T cell responses and memory **Benedita ROCHA**  
(Institut Pasteur - Paris)
- 14:30 - 17:30** Lymphocyte motility **Antonio PEIXOTO**  
(Toulouse – France)

### FRIDAY 6

- 10:00 – 13:00** T cell differentiation **Bruno SILVA-SANTOS**  
(IMM – Lisboa)
- 14:30 - 17:30** Host-Parasite interactions: the case for malaria **Maria MOTA**  
(IMM – Lisboa)

## THE IMMUNE SYSTEM

### MONDAY 9

- 9:30 - 12:30**      Regulatory T cells      **Luis GRAÇA**  
(IMM - Lisboa)
- 14:30 - 17:30**      Protection against sepsis      **Luis MOITA**  
(IMM - Lisboa)

### TUESDAY 10

- 14:30 - 17:30**      Antigen processing and presentation.      **Duarte BARRAL**  
(Cedoc - Lisboa)

### WEDNESDAY 11

- 9:30 - 12:30**      Immune deficiencies & HIV      **Ana SOUSA**  
(IMM - Lisboa)
- 14:30 - 17:30**      The immune system, intracellular organisms and TB      **Antonio GIL CASTRO**  
(ICVS - Braga)

### THURSDAY 12

- 9:30 - 12:30**      Inflammation      **Miguel SOARES**  
(IGC - Oeiras)

### FRIDAY 13

- 9:30-11:30**      Mechanisms of T cell activation      **Alexandre do CARMO**  
(IBMC - Porto)
- 14:00-18:00**      SYMPOSIA "Lymphocyte activation"      **Alexandre do CARMO (chair)**  
(IBMC - Porto)

## THE IMMUNE SYSTEM

**MONDAY 16 – WEDNESDAY 18**

**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)

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