



VIII WORKSHOP ON

Cancer Research Biological and Molecular Basis

8-11 May 2018

i3S / Ipatimup | Meeting Room 2

This workshop is focused on Cancer Research addressing the key cellular and molecular mechanisms underlying cancer development and progression.

ORGANISATION:

Celso Reis | Salomé Pinho | Fátima Gärtner

ECTS:

This workshop is accredited with 1 ECTS (Attendance to all workshop and a final exam are mandatory).

REGISTRATION:

Students of Doctoral Programmes from UPorto | **110€**

Regular registration | **160€**

[Fee includes: coffee breaks and the workshop materials]

Limited number of participants: 25

Pre-registration deadline: 20th April 2018

REGISTRATION & MORE INFO AT:

www.i3S.up.pt

**INSTITUTO
DE INVESTIGAÇÃO
E INOVAÇÃO
EM SAÚDE
UNIVERSIDADE
DO PORTO**

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PROGRAMME:

8TH MAY 2018 | TUESDAY

- 14:30 – 15:00 Welcome and Reception
- 15:00 – 16:30 **Oncopathology: From tissue to genes and back to tissues**
Manuel Sobrinho-Simões
- 16:30 – 17:00 Coffee-break
- 17:00 – 18:30 **Cancer genetics: oncogenes and tumour supressor genes**
Raquel Seruca

9TH MAY 2018 | WEDNESDAY

- 09:30 – 11:00 **Tumor cell growth: proliferation, apoptosis and metabolism**
Paula Soares & Valdemar Máximo
- 11:00 – 11:15 Coffee-break
- 11:15 – 12:00 **Tumor cell invasion and metastasis**
Carla Oliveira
- 12:00 – 14:30 Lunch break
- 14:30 – 15:15 **Cell and tissue differentiation**
Raquel Almeida
- 15:15 – 16:00 **Macrophages in tumour microenvironment**
Maria José Oliveira
- 16:00 – 16:15 Coffee-break
- 16:15 – 17:00 **Cancer Stemness**
André Vieira

10TH MAY 2018 | THURSDAY

- 09:30 – 11:00 **Glycobiology in cancer: mechanisms and clinical implications**
Celso Reis & Salomé Pinho
- 11:00 – 11:30 Coffee-break
- 11:30 – 12:15 **Experimental models *in vitro* and *in vivo* in cancer research**
Fátima Gartner
- 12:15 – 14:30 Lunch break
- 14:30 – 18:30 **PRACTICAL SESSIONS I**
Genomics | Introduction: José Luis Costa | Practical: Mafalda Rocha
Proteomics | Introduction & Practical: Hugo Osório
***In vivo* models** | Introduction & Practical: Marta T. Pinto
Molecular Biology techniques | Practical: IHQ, WB

11TH MAY 2018 | FRIDAY

- 09:00 – 13:00 **PRACTICAL SESSIONS II**
Genomics | Introduction: José Luis Costa | Practical: Mafalda Rocha
Proteomics | Introduction & Practical: Hugo Osório
***In vivo* models** | Introduction & Practical: Marta T. Pinto
Molecular Biology techniques | Practical: IHQ, WB
- 13:00 – 15:00 Lunch break
- 15:00 – 16:00 **Evaluation**

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