

Post-graduated course

# Cancer therapy: from basic research to clinic

15<sup>th</sup> to 26<sup>th</sup> July 2013

Department of Biology  
University of Minho



Organizers: Ana Preto (CBMA, Department of Biology) and Fátima Baltazar (ICVS/3B's; ECS, University of Minho).

## Main topics

## Scope of the course



### Basics of oncology:

- Hallmarks of cancer
- Basic research in Oncobiology



### Cancer therapy:

- Classical chemotherapy in different types of cancer: colorectal, breast, prostate, thyroid, uterine/cervical and gastric cancer.
- New generation of cancer targeted therapy: small molecules, antibodies and new drug nanodelivery systems.
- Nutraceuticals for cancer.



### The oncological patient:

- The role of the health professionals in the oncological patient care
- Management of patient adverse reactions to cancer therapy
- Nutrition of the oncological patient
- Psico-oncology



### Laboratory classes using cancer research models

- Tumour tissues and cancer derived cell lines.



The course will be organized in theoretical and laboratory classes and will also include a **Workshop for Health Professionals (19th - 20th July 2013): "Oncological patient therapy - the role of health professionals"**.

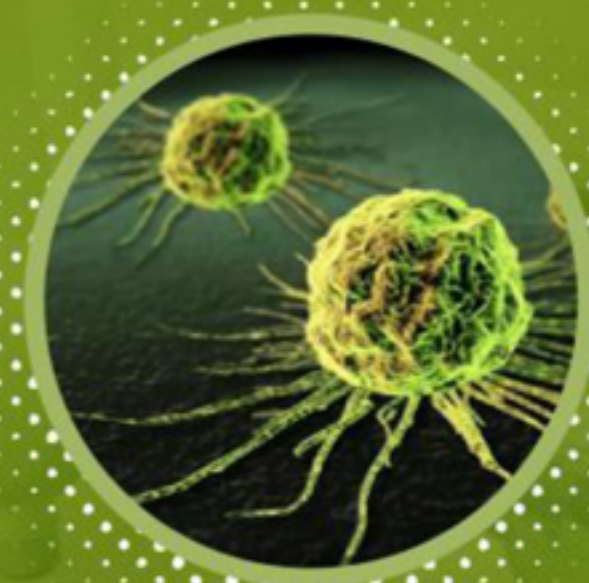


## Lecturers

CBMA: • Ana Preto • Margarida Casal • Cristina Pereira-Wilson • Olga Coutinho  
ICVS/3B's: • Fátima Baltazar • Bruno Costa • Adhemar Longatto  
Centre of Chemistry: • Fernanda Proença • Maria João Queiroz • Paula Margarida Ferreira • Isabel Correia-Neves  
Centre of Physics: • Elisabete Castanheira Coutinho | Centre of Biological Engineering: • Ligia Rodrigues

### INVITED Lecturers:

- Catarina Portela (Hospital de Braga, Braga) • Joana Paredes (IPATIMUP, Porto) • Paula Soares (IPATIMUP, Porto)
- Raquel Seruca (IPATIMUP, Porto) • Carla Oliveira (IPATIMUP, Porto) • Maria José Oliveira (INEB, Porto)
- Lúcio Santos (IPO, Porto) • Paula Alves (IPO, Porto) • Sara Moreira (Hospital de Santo António, Porto)
- João Moreira (FFUC, Universidade de Coimbra, Coimbra) • Luís Costa (IPO, Lisboa)



**Registration** (by 1<sup>st</sup> July) at CBMA  
(<http://bit.ly/advancedcourses2013>)



**Course fees:**  
Theoretical classes (excluding workshop): 50 € (students: 20 €)  
Full course (includes workshop and lab classes): 150 € (students: 70 €). Workshop: 50 € (students: 20 €)



**Contacts and information:**  
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