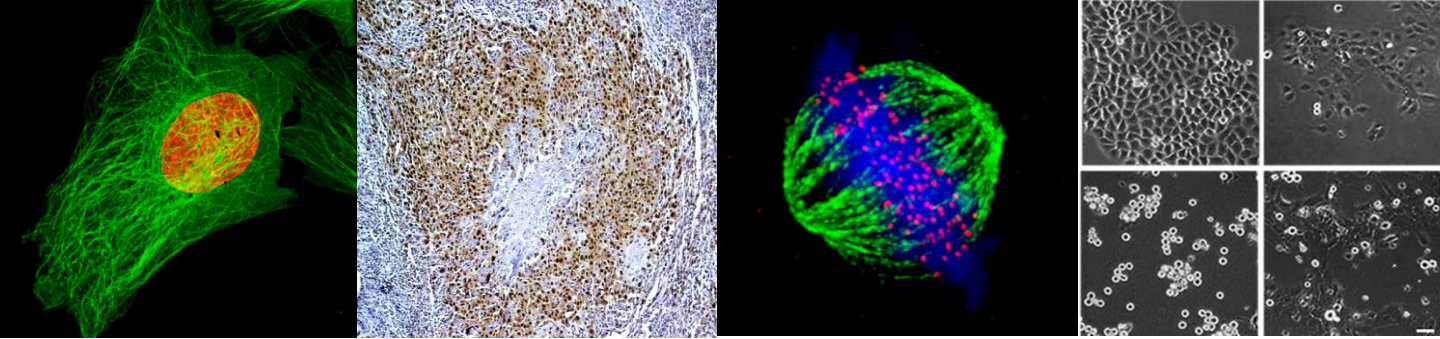


C.B.A.S PhD Program | Advanced Course

Programa Doutoral em Ciências Biológicas Aplicadas à Saúde | Departamento de Ciências | IUCS – Instituto Universitário de Ciências da Saúde | CESPU

"ONCOBIOLOGY"

April 28th to May 6th, 2016 (8:00-13:00)



Main Goals: - advanced knowledge on altered biological processes in cancer, and on new therapeutic approaches against cancer;
- contact with some examples of research in the cancer field.

CESPU Teaching Staff:
Hassan Bousbaa
Odília Queirós
Luís Monteiro
Diana Valente
Patrícia Silva
Vanessa Nascimento

Invited Speakers:
Alexandre Ferreira, IPO-Porto
Ana Preto, CBMA, U. Minho
Fátima Baltazar, ICVS / 3B's, U. Minho
Maria José Oliveira, INEB / I3S, U. Porto
Máximo Fraga, U. Santiago de Compostela

Place: Campus Universitário da CESPU, Rua Central de Gandra, 1317, 4585-116 Gandra PRD, Portugal
GPS 41.183509, -8.445928 | N 41° 11' 0.6324", W 8° 26' 45.3408"

COURSE SCHEDULE	28/4	29/4	2/5	3/5	4/5	5/5	6/5
	8:00 Introduction 8:30 T1 - Overview of Signaling, Cell Cycle, and Cancer Hassan Bousbaa	8:00 T3 - siRNA Nanocarriers for Cancer Therapy Vanessa Nascimento	8:00 T4 - Cancer: Definition and Hallmarks Ana Preto	8:00 T5 - Cell Metabolism as Target for Cancer Therapy (Part I): Targeting Tumor Microenvironment and Drug Resistance Odília Queirós 9:00 T6 - Immunity, Inflammation, and Cancer Maria José Oliveira	8:00 T7 - Cell Metabolism as Target for Cancer Therapy (Part II): Targeting Lactate Metabolism and Transport Fátima Baltazar	8:00 T9 - FISH Test for Cancer Diagnosis and Prognostication Máximo Fraga	8:00 Presentation and Discussion of Research Papers (Student Evaluation)
C. Break	10:30	10:30	10:30	10:45	10:30	9:30	10:00
	10:45-13:00 T2 - Targeting Mitosis to Kill Cancer Cells Hassan Bousbaa	10:45-13:00 P1 - Treatment of Cancer Cell Lines with Paclitaxel Patrícia Silva P2 - Effect of Anti-Glycolytic Agents on Cancer Cell Viability and Metabolism Odília Queirós & Diana Valente	10:45-13:00 P1 - continuation (Results and Discussion) Patrícia Silva & Hassan Bousbaa	11:00-13:00 P2 - continuation (Results and Discussion) Odília Queirós & Diana Valente	10:45-13:00 T8 - Protein Glycosylation in Cancer: Glycomics and Glycoproteomics Approaches Towards Precision Medicine Alexandre Ferreira	9:45 T10 - Head and Neck Cancer: Biomarkers and Molecular Targets Luís Monteiro 11:00-13:00 P3 - IHC Analysis of Oral Cancer Samples Luís Monteiro	10:15-13:00 Presentation and Discussion of Research Papers (Student Evaluation)

Participants: The course is opened to young scientists (BSc with relevant CV, MSc and PhD students, PhD/MD, Post-doc fellows), senior researchers interested in cancer biology, and holders of a scientific or professional CV of recognized merit attesting the capacity to attend this course

Total participants: 15 (Full course with Lab classes), 50 (Theoretical classes) | Selection based on registration order

Registration Fees: 75€/Full Course, 50€/Theoretical Classes

Certificate: A certificate will be issued at the end of the course to all students who attended the course assiduously

ECTS credits: Students who successfully conclude the full course will be awarded 5 ECTS credits (5€, included in the registration fees)

* Please note that only university students or graduates can be awarded ECTS credits.

APPLICATION: Applications should be submitted at <http://inscricoes.cespu.pt/>

FOR MORE INFORMATION: <http://ciencias.iscns.cespu.pt/>

REGISTRATION DEADLINE: 21st April 2016 | +10€ after deadline on a space available basis

