

2nd SYMPOSIUM OF THE MSc IN ONCOLOGY

IPO PORTO, Main Auditorium

7-8 May 2018

Day 1: Monday, 7th

8:45 – 9:30 **Registration**

Former Students' Corner

Maria José Oliveira (INEB-I3S/ FMUP) & Júlio Oliveira (IPO Porto)

9:30 – 10:00 **Ricardo Coelho (MSc Oncology 2013) PhD student, IPATIMUP/I3S, DIFFERENTIATION AND CANCER: "Unveiling the role of MSLN expression in peritoneal dissemination of ovarian cancer"**

10:00 – 10:30 **Liliana Raimundo (MSc Oncology 2014) PhD student, REQUIMTE, 3DUnit - DRUG DISCOVERY & DEVELOPMENT RESEARCH: "Targeting tumor suppressor proteins: discovering new small-molecules with anti-tumor properties"**

10:30 – 11:15 **KEYNOTE LECTURE 1: Karine Serre, PhD
IMM, Lisbon, Portugal
"Why so much hope about immunotherapy?"**

11:15 – 11:30 **COFFEE-BREAK**

Treatment and Drug Resistance I

Chairs: Bruno Sarmiento (INEB-I3S); Lucília Saraiva (UCIBIO/REQUIMTE/FFUP)

11:30 - 11:45 **André José Pereira Campos: "Uranium mining wastes: the contribution of in vitro tests for the elucidation of the molecular responses to metals and uranium daughter radionuclides toxicity"**

11:45– 12:00 **Ana Rita Fortunato Sousa: "Targeting potential metastatic early-stage CRC with PLGA nanoparticles carrying siRNA MACC1"**

12:00 – 12:15 **Carla Marisa Pacheco Magalhães: "A New Approach for Cancer Therapy Based on Marine Chemiluminescence"**

12:15 – 12:30 **Daniela Filipa R. Figueiredo: "The antitumour activity of curcumin and derivatives in breast cancer cells"**

12:30 – 14:00 **LUNCH**

Treatment and Drug Resistance II

Chairs: M. Helena Vasconcelos (IPATIMUP-I3S/ FFUP); Deolinda Pereira (IPO Porto)

14:00 – 14:45

**KEYNOTE LECTURE 2: Joana Paredes
IPATIMUP-I3S/FMUP, Porto, Portugal
“Breast Cancer stem cells:
biological significance & clinical impact”**

14:45– 15:00

Inês Pires dos Santos: “Cysteine uptake, mediated by EAAT3, is a relevant mechanism of resistance to carboplatin in cancer”

15:00– 15:15

Ana Catarina Macedo- Silva: “Esophageal cancer therapy response: role of hypoxia in epigenetic mechanism regulation”

15:15– 15:30

Beatriz Sampaio da Silva: “Targeting P53 in anticancer therapy: searching for new small molecule activators”

15:30 – 16:00

COFFEE-BREAK

16:00 – 16:15

Daniela Barros Branco: “Análise de polimorfismos genéticos nos genes XRCC1 (rs1799782) e XRCC2 (rs13181) e a sua influência na resposta ao tratamento e prognóstico de doentes com cancro do colo do útero”

16:15 – 16:30

Bruno Miguel Guedes Horta: “Screening of biological activity of a panel of putative anticancer compounds”

16:30 – 16:45

Iolanda Cruz Santos: “Reconciliação Terapêutica em Doentes Oncológicos”

16:45 – 17:00

Sara Inês Almeida Dias Costa: “Adesão à Terapêutica no doente com Leucemia Mielóide Crónica

17:00 – 17:15

Sara Micaela Melo Sousa: “Does new WPC channel improve laboratory hematology efficiency in oncohematological patients?”

17:15 – 17:30

Ana Marta Pires: “Free Light Chains as an indicator of intra-clonal heterogeneity in Myeloma”

END of Day 1

Day 2: Tuesday, 8th

Tumor Biology

Chairs: Manuel Teixeira (IPO Porto/ICBAS-UP); Fátima Baltazar (ICVS-3Bs/EM-UM)

- 9:00 – 9:15 Ana Catarina Trigo Lameirinhas:** “Interplay between Warburg effect and epigenetic mechanisms in kidney cancer”
- 9:15 – 9:30 Ana Luisa Pereira Pinto:** “Monocarboxylate Transporters (MCTs) in Kidney Cancer: The Role of Epigenetic Mechanism”
- 9:30 – 9:45 Catarina Martins Lourenço:** “Identify the adrenergic signalling pathway(s) involved in breast cancer-induced bone metastasis”
- 9:45– 10:00 Elisabete Oliveira Teixeira:** “Characterization of the genetic profile of a consecutive series of PTC (Papillary thyroid carcinomas)”
- 10:00– 10:15 Mafalda Araújo Pereira:** “Estudo da função da proteína HOXB7 na progressão de cancro de mama”
- 10:15– 10:30 Sara Pinto da Silva Teles:** “Disclosing hypomethylation as an oncogene activation mechanism in gastric cancer”

10:30 – 10:45

COFFEE-BREAK

Cancer Biomarkers

Chairs: Carmen Jerónimo (IPO Porto/ICBAS-UP); Rui Henrique (IPO Porto/ICBAS-UP)

- 10:45 – 11:00 Gratia Patricia Lucatelli Nunes:** “Immunohistochemical biomarkers in oral cancer ”
- 11:00 – 11:15 Helena Sofia Casanova Estevão Pereira:** “Metastatic breast cancer: finding molecular biomarkers in liquid biopsies”
- 11:15– 11:30 Márcia Filipa Oliveira Cardoso:** “RAD51C germline mutation analysis in families with clinical criteria of Li-Fraumeni Syndrome”
- 11:30– 11:45 Sandra Isabel Pinto Nunes:** “Assessment and validation of a panel of methylation-based biomarkers in cell free DNA for detection of the 3 major primary cancers in women”
- 11:45–12:00 Fernanda S. F. Coutinho:** “Double-negative T cells analysis for exclusion of autoimmune lymphoproliferative syndrome diagnosis during lymphoma investigation”

12:00–12:45

KEYNOTE LECTURE 3: Leendert Looijenga, PhD
Erasmus MC-University Medical Center Rotterdam,
Rotterdam, The Netherlands
“Testicular germ cell tumors: biology and biomarkers for clinical use”