

3rd SYMPOSIUM OF THE MSc IN ONCOLOGY

IPO PORTO, Main Auditorium

15-16 April 2019

Day 1: Monday, 15th

8:45 – 9:30

Registration

Former Students' Corner

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

9:30 – 10:00

Francisca Dias (MSc Oncology 2014) PhD student, IPOPorto, MOLECULAR ONCOLOGY AND VIRAL PATHOLOGY: “Renal cell carcinoma microenvironment modulation by exosome-derived microRNAs and metalloproteinases”

10:00 – 10:30

Hernâni Zão Oliveira (MSc Oncology 2011), FEUP (Tecnologia de Saúde e Inovação) LACLIS-Laboratório de Criação para a Literacia em Saúde

10:30 – 11:15

KEYNOTE LECTURE 1: Salomé S. Pinho, PhD, IPATIMUP/IBS, Porto, Portugal
“Metabolic control of T cell immune response through glycans in inflammatory bowel disease”

11:15 – 11:30

COFFEE-BREAK

Clinical Oncology

Chairs: Júlio Oliveira (IPO Porto) & Rui Henrique (IPO Porto/ICBAS-UP)

11:30 - 11:55

Ema Patrícia Martins Alves: “Otimização da manutenção do cateter venoso central totalmente implantado”

11:55– 12:20

Irene Paula Guimarães e Castro: “Bólus epidurais intermitentes programados versus perfusão epidural contínua para analgesia pós-operatória em gastrectomia em doentes oncológicos: um estudo comparativo.”

12:20 – 12:45

Fernanda S. F. Coutinho: “Double-negative T cells analysis for exclusion of autoimmune lymphoproliferative syndrome diagnosis during lymphoma investigation”

12:45 – 13:10

Maria Belém Vale: “A collaborative interplay between assessment and family intervention in palliative care”

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13:10 – 14:15 **LUNCH**

Cancer Biomarkers (Detection, Prognosis & Prediction)

Chairs: José Luis Costa (IPATIMUP-I3S/ FMUP) & Manuel Teixeira (IPO Porto/ICBAS-UP)

14:15 – 15:00 **KEYNOTE LECTURE 2: Bruno Costa-Silva, PhD**

Chamalimaud Centre for the Unknown, Lisbon, Portugal

“Exosome-Based Cell-Cell Communication in the Tumor Microenvironment”

15:00 – 15:25 **A. Rita Oliveira-Silva:** “ANXA1 and ARID1A as predictive biomarkers for Trastuzumab resistance in breast cancer”

15:25 – 15:50 **Ana Rita Mendes Pinto:** “Association of castrate-resistant prostate cancer GWAS-identified SNPs with the clinical outcome prostate cancer patients: an independent validation”

15:50 – 16:10 **COFFEE-BREAK**

16:10 – 16:35 **Sara Albuquerque Pinto:** “Characterization of a common germline SDHB deletion in patients with hereditary paraganglioma-pheochromocytoma”

16:35 – 17:00 **Silvana Patrícia F. de Sousa:** “Novel predictive markers of therapy response in gastric cancer”

17:00 – 17:25 **Sílvia Fernandes Rocha:** “Metabolomic studies in human renal cell carcinoma cell lines using gas chromatography/mass spectrometry”

17:25 – 17:50 **Vera Constâncio:** “Cell-free DNA methylation as a biomarker for early detection of the three major cancers in males”

END of Day 1

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Day 2: Tuesday, 16th

Tumor Biology I

Chairs: Carmen Jerónimo (IPO Porto/ICBAS-UP) & Maria José Oliveira (INEB-I3S/FMUP)

9:00 – 9:25 **Rita Guimarães:** “The role of DNA modifying enzymes in malignant testicular germ cell tumors”

9:25 – 9:50 **Cláudia Martins-Lima:** “Differential expression of cadherins in Bladder Cancer: role in Epithelial-Mesenchymal Transition.”

9:50 – 10:15 **Sara Barrambana:** “Mitochondrial dynamics in thyroid cancer: unravelling the role of DRP1”

10:15– 10:40 **Sara Monteiro Ferreira:** “Effect of normal and tumor extracellular matrix in cancer stem cell-like properties”

10:40 – 11:00 **COFFEE-BREAK**

11:00– 11:25 **João Augusto Freitas:** “The origin of tumor infiltrating T regulatory cells (ti Tregs)”

11:25– 11:50 **Beatriz Carrinho Raposo:** “Investigating the impact of gain-of-function IL7R mutation in lymphocyte leukemogenesis in vivo”

11:50– 12:35 **KEYNOTE LECTURE 3: Matthias Schwab, M.D., PhD**

**Dr. Margarete Fischer-Bosch Institute of Clinical Pharmacology, Stuttgart &
Department of Clinical Pharmacology, University Hospital, Tübingen, Germany**

“PharmacoOmics and Cancer: Update and Future Perspectives”

12:35– 14:30 **LUNCH**

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Tumor Biology II

Chairs: Raquel Almeida (IPATIMUP-3S/ FCUP) & Valdemar Máximo (IPATIMUP-3S/ FMUP)

- 14:30 – 14:55 Ana Marta Pires:** “Free Light Chains as an indicator of intra-clonal heterogeneity in Myeloma small molecule activators”
- 14:55– 15:20 João Andrade Mouta:** “The function of HOXB genes in breast cancer”
- 15:20– 15:45 Mafalda Timóteo:** “Murine Double Minute 2 characterization in Epstein-Barr Virus associated Gastric Cancers”

15:45– 16:00 COFFEE-BREAK

Treatment and Drug Resistance

Chairs: Lucília Saraiva (UCIBIO/REQUIMTE/FFUP); Rui Medeiros (IPO Porto/UFP)

- 16:00– 16:25 Mariana Brütt:** “Re-expression of the epigenetically silenced androgen receptor gene by DNA methyltransferase inhibitors in castration-resistant prostate cancer cell lines”
- 16:25– 16:50 Mariana Oliveira Nunes:** “First line drug testing in ovarian cancer cell lines manipulated for MUC16 and MSLN expression”
- 16:50– 17:15 Márcia Ferreira:** “The impact of aspirin resistance-associated genetic variants in the clinical outcome of ovarian cancer patients: an independent validation of GWAS-reported SNPs”
- 17:15– 17:40 Rute Azevedo Pinheiro:** “Improving cancer therapy with new p53-activating agents”
- 17:40– 18:05 Valéria Delgado Tavares:** “GWAS-reported SNPs related to thromboembolic events and their impact on the clinic outcome of ovarian cancer patients: an independent validation”

END of Day 2