

ISCaM 2019

6th Annual Meeting

17-19 October

Braga, Portugal

Scientific Committee

Ana Preto (University of Minho, PT)
Fátima Baltazar (University of Minho, PT)
Gyorgy Szabadi (University College London, UK)
Lucie Brisson (University of Tours, FR)
Nicola Baldini (University of Bologna, IT)
Paolo Porporato (University of Torino, IT)
Pawel Swietach (Oxford University, UK)
Pierre Sonveaux (University of Louvain, BE)
Silvia Pastorekova (National Academy of Sciences, SK)
Sofia Avnet (University of Bologna, IT)
Stine Pøedersen (University of Copenhagen, DK)

Local Organizing Committee

Ana Preto (University of Minho, PT)
Fátima Baltazar (University of Minho, PT)
Lúcio Lara Santos (IPO-Porto, PT)
Julieta Afonso (University of Minho, PT)
Marta Costa (University of Minho, PT)
Rita Brás (University of Minho, PT)
Sara Gomes (University of Minho, PT)
Sara Granja (University of Minho, PT)

All information available at
lab52.pt/iscam2019

**CANCER
METABOLIC
REWIRING:
MAPPING
THE ROAD
TO CLINICAL
TRANSLATION**

International Society
of Cancer Metabolism

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Thursday, 17th october

SCIENTIFIC PROGRAM

09:00h	Registration
10:30h	Welcome (Ana Preto; Fátima Baltazar; UMinho Rector; City Mayor; TBC)
11:00h	Opening lecture: Intracellular pH Regulation of Protein Dynamics: From Cancer to Stem Cell Behaviors Diane Barber (University of S. Francisco, USA)
12:00h	Lunch Break
	Session 1: Cancer pH Dynamics Chairs: Pierre Sonveaux (University of Louvain, UCL, BE); Stine Pedersen (University of Copenhagen, DK)
13:30h	Exploring acid handling and sensing mechanisms in a large panel of colorectal cancer cells Pawel Swietach (University of Oxford, UK) Lysosomal control of cytosolic PH Marja Jäätelä (University of Copenhagen, DK) 2 selected communications
	Session 2: Genetic and Epigenetic Regulation of Cancer Metabolism Chairs: Carmen Jerónimo (IPO-Porto, PT); Bruno Costa (ICVS, PT)
15:00h	Mitochondrial metabolites and cancer Christian Frezza (University of Cambridge, UK) Metformin: a metabolo-epigenetic drug for cancer therapy Javier A Menendez (Catalan Institute of Oncology, ES) 2 selected communications
16:30h	Coffee Break
	Session 3: Metabolism and Cancer Heterogeneity Chairs: Sofia Avnet (University of Bologna, IT); Paulo Oliveira (University of Coimbra, PT)
17:00h	Role of oxidative stress and stromal heterogeneity in cancer Fatima Mehta-Grigoriou (INSERM, FR) Cancer cells metabolic heterogeneity underlies chemoresistance Jacinta Serpa (New University of Lisbon, PT) 2 selected communications
18:30h	Appetizers and animation with local folk music and dance
20:00h	ISCaM board meeting

Friday, 18th october

	Session 4: Metabolism and Cancer Progression Chairs: Joana Paredes (i3S, PT); Lucie Brisson (University of Tours, FR)
09:00h	Glucose metabolism and autophagy in cancer progression Ciro Isidoro (University of Piemonte Orientale, IT) Metabolomics and the unveiling of new metabolic players in cancer Ana Gil (University of Aveiro, PT) 2 selected communications
10:30h	Coffee Break

	Session 5: Metabolism and Regulated Cell Death Chairs: Paula Ludovico (ICVS, PT); Valdemar Maximo (i3S, PT)
11:00h	Starvation and cancer: beyond cell death Cristina Muñoz-Pinedo (Bellvitge Biomedical Research Institute L'Hospitalet, ES); How the human transportome controls cellular metabolism Giulio Superti-Furga (Medical University of Vienna, AT) 2 selected communications
12:30h	Lunch Break and poster viewing
14:00h	ISCaM General assembly
	Session 6: Diet, Microbiota and Cancer Metabolism Chairs: Margarida Casal (CBMA, PT); Egidio Torrado (ICVS, PT)
15:00h	Pharmacomicromics: exploiting the diet-drug-microbiota interactions in anticancer therapies Valerio Paziienza (Hospital San Giovanni Rotonda, IT) Effect of dietary polyphenols on nutrient uptake: a new potential therapeutic target for cancer Fátima Martel (University of Porto, PT) 2 selected communications
16:30h	Coffee Break and departure to Porto
20:00h	Conference Dinner (Porto)

Saturday, 19th october

	Session 7: Cancer Metabolism and Immune Response Chairs: Ricardo Silvestre (ICVS, PT); Maria Oliveira (i3S, PT)
09:30h	Metabolic checkpoints in the tumor environment Marina Kreutz (University Hospital Regensburg, DE) Harnessing tumor metabolism to overcome immunosuppression Massimiliano Mazzone (University of Leuven, BE) 2 selected communications
11:00h	Coffee Break
	Session 8: Targeting Metabolism in Cancer Therapy Chairs: Lúcio Santos (IPO-Porto, PT); Nicola Baldini (University of Bologna, IT)
11:30h	Remove The Road Blocks: - A multi-disciplinary approach for the development of the first-in-human, first-in-class monocarboxylate transporter 1 (MCT1) inhibitor, AZD3965, targeting patients with advanced solid tumours and DLBCL Sarah Halford (Cancer Research, UK) Targeting metabolism and immune response from tissue to liquid biopsy Christian Rolfo (Maryland, USA) 2 selected communications
13:00h	Lunch and meet the expert sessions
14:30h	Closing lecture: Targeting acidic, nutritional and oxidative stresses in cancer Jacques Pouyssegur (Centre scientifique de Monaco, MC)
15:30h	Best poster ceremony and closing session Ana Preto (CBMA PT); Fátima Baltazar (ICVS,PT); Luis Costa (Santa Maria Hospital, PT; President of ASPIC); Nicola Baldini (University of Bologna, IT; President of ISCaM)