

# 27<sup>TH</sup> PORTO CANCER MEETING

## STEMNESS & METASTASIS: ADVANCES IN RESEARCH AND CLINICAL TRANSLATION

20 MAY 2021

### 10.00-10.15 Welcome Session

Joana Paredes, I3S & Manuel Sobrinho-Simões, Ipatimup/  
I3S & Claudio Sunkel, I3S

### SESSION 1: CANCER CELL HETEROGENEITY & PLASTICITY

Chairs: José Carlos Machado, I3S & Carmen Jerónimo, IPOP

10.15-10.45 TBA

### 10.45-11.15 Mechanisms regulating EMT tumor transition states

Ievgenia Pastushenko, Université Libre de Bruxelles (ULB),  
Bruxelles, Belgium

11.15-11.30 SELECTED TALK FROM ABSTRACTS I

### 11.30-12.00 Tumor plasticity implications in breast cancer immunity

Toni Celià-Terrassa, Institut Hospital del Mar  
d'Investigacions Mèdiques (IMIM), Barcelona, Spain

12.00-12.15 15-minutes Break

### SPECIAL SESSION: CANCEL STEM SYMPOSIUM

Chairs: Joana Paredes, I3S & Raquel Seruca, I3S

### 12.15-12.35 Using a humanized P-cadherin fly model to uncover key players involved in Cancer Stem-like Cell activity

Florence Janody, Instituto Gulbenkian Ciência (IGC),  
Oeiras & I3S, Porto

12.35-12.55 TBA

Raquel Almeida, I3S, Porto, Portugal

### 12.55-13.15 Targeting drug combinations with nanomedicine-based strategies

João Nuno Moreira, Center for Neurosciences and Cell  
Biology (CNBC), Coimbra, Portugal

13.15-15.00 LUNCH BREAK & POSTER VIEW

### SESSION 2: STEMNESS & TUMOR MICROENVIRONMENT

Chairs: Ana Sofia Ribeiro, I3S & Maria José Oliveira, I3S

### 15.00-15.30 Mechano-perception in the tumour microenvironment

Chris Madsen, Cancer and Matrix Remodelling - Lund  
University, Lund, Sweden

### 15.30-16.00 Targeting the metastatic niche

Janine Erler, Biotech Research and Innovation Centre  
(BRIC), Copenhagen, Denmark

16.00-16.15 SELECTED TALK FROM ABSTRACTS II

16.15-16.45 TBA

Valerie Weaver, Centre for Bioengineering & Tissue  
Regeneration - UCSF, San Francisco, USA

21 MAY 2021

### SESSION 3: INVASION, DISSEMINATION & METASTASIS

Chairs: Joana Paredes, I3S & Cláudia Faria, IMM

### 9.30-10.00 Molecular mechanisms of cancer cell invasion : focus on P-cadherin and flotillins

Cécile Gauthier-Rouvière, CRBM, University of Montpellier -  
CNRS, Montpellier, France

10.00-10.15 SELECTED TALK FROM ABSTRACTS III

### 10.15-10.45 Impact of the Macro-Metastasis Parenchyma Interface (MMPI) during metastatic organ colonization

Tobias Pukrop, University Hospital Regensburg, Regensburg,  
Germany

10.45-11.00 SELECTED TALK FROM ABSTRACTS IV

11.00-11.15 15-minutes Break

### 11.15-11.45 Strategies to challenge brain metastasis lethality in mice and human

Manuel Valiente, Centro Nacional de Investigaciones  
Oncológicas (CNIO), Madrid, Spain

11.45-12.00 SELECTED TALK FROM ABSTRACTS V

### 12.00-12.30 Biology and Vulnerabilities of Circulating Tumor Cells

Nicola Aceto, Swiss Federal Institute of Technology (ETH)  
Zurich, Zurich, Switzerland

12.30-14.00 LUNCH BREAK & POSTER VIEW

### SESSION 4: CANCER STEMNESS - CLINICAL TRANSLATION

Chairs: Raquel Almeida, I3S, Júlio Oliveira, IPOP & Ricardo  
Leão, FMUC

### 14.00-14.30 Harnessing replication stress for novel breast cancer stem cell therapy

Christophe Ginestier, Cancer Research Center of Marseille  
(CRCM), Marseille, France

### 14.30-15.00 Targeting cancer stem cells in hormone resistance breast cancer

Bruno Simões, Division of Cancer Sciences, University of  
Manchester, UK

15.00-15.15 SELECTED TALK FROM ABSTRACTS VI

15.15-15.45 TBA

Uri Tabori, The Hospital for Sick Children, Toronto, Canada

### 15.45-16.00 Award Communication & Closing Session

Joana Paredes, I3S & Jorge Lima, I3S & André Albergaria, I3S

## ONLINE EVENT

SCIENTIFIC COMMITTEE: JOANA PAREDES, JORGE LIMA, ANDRÉ ALBERGARIA