

2nd SYMPOSIUM OF THE MSc IN ONCOLOGY IPO PORTO, Main Auditorium 7-8 May 2018

Keynote Speakers' Short Biography

KEYNOTE LECTURE 1: Karine Serre, PhD
IMM, Lisbon, Portugal
"Why so much hope about immunotherapy?"



Karine Serre received her PhD from the Centre d'Immunologie de Marseille-Luminy (Université de la Méditerranée - France), and her post-doctoral training at the MRC Centre for Immune Regulation (University of Birmingham - UK).

She is currently a Consolidator researcher of the FCT Investigator programme, and leads a line of research within the Silva-Santos laboratory at Instituto de Medicina Molecular, Lisbon (Portugal) dedicated to lymphoid-myeloid interactions in the tumour microenvironment.

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



Joana Paredes is Principal Investigator and core CV of the Epithelial Interactions in Cancer group at i3S, Scientific Coordinator of the i3S facility In Vivo CAM Assays, Professor at the Pathology Department of the Medical Faculty of Porto University, and member of the Direction Board of ASPIC (Portuguese Association for Cancer Research) and of SPCE-TC (Portuguese Society of Stem Cells and Cell Therapy).

She graduated in Biology at Coimbra University in 1999 and completed the PhD in Human Biology at the Medical Faculty of Porto University in 2004. For 4yrs, she worked at the Cancer Research Lab of Gent University (Belgium) and at Ipatimup (Porto, Portugal), both reference labs in cell adhesion molecules and cancer. This was followed by a 3yrs postdoc in the Neoplasia and Development Domain at ICVS (Braga, Portugal). In 2008, she was hired by Ciência 2007 program to establish a novel independent research line at Ipatimup, related with the role of cell adhesion molecules in cancer stem cell (CSC) biology. She published her first manuscript as senior author in 2010 and was selected to the current iFCT position in 2013 as an independent researcher.

Joana Paredes has 62 publications in international peer-review journals, with more than 2000 citations. She is first author in 9 manuscripts and senior author in 14, with a h-index of 28. Her results were published in top-ranked journals, including Cancer Research, Oncogene, Clinical Cancer Research, Stem Cells, Journal of Pathology, Nature Communications and Nanoscale.

She got funding from different agencies, such as FCT, Portugal 2020, NIH, Novartis, Sanofi Aventis International, Gulbenkian Foundation, and patient's associations, such as Laço and No Stomach for Cancer. Currently she is leading a national consortium entitled: “Tackling Cancer Stem Cells: a challenge and an opportunity to advance in anti-cancer therapy”, funded with 2.5 million euros.

Joana Paredes supervised 6 PhD and 11 Master students, all with success and currently working in several national and international institutions. Currently, she is supervising a multidisciplinary team, comprising 5 post-docs and 8 PhD students, all with salary assured.

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”



Leendert Looijenga studied biology at the University of Groningen and graduated *cum laude* in 1989. He then worked as a visiting scientist at the Department of Anthropogenetics at Leiden University, after which he started the *Laboratory for Experimental Patho-Oncology (LEPO)* at the Daniel den Hoed Cancer Center (Rotterdam). In 1994 he received his PhD in Medical Biology from Erasmus University Rotterdam, with the thesis entitled "Pathobiology of germ cell tumors of the adult testis: views and news". In 2005 he became Professor of Translational Patho-Oncology at the University Medical Center Rotterdam. He is head of one of the leading groups in the study of the pathogenesis of germ cell tumors, which is part of the department of Pathology.

His research is centered on development and application of diagnostic, prognostic and predictive markers, with focus on germ cell tumors, but also on gonadal development, sex determinations, infertility, Barrett esophagus and esophageal cancer, head and neck cancer, among other areas. During the last 25 years he has gathered a large series (over 2000 individual samples) of human germ cell tumors, with accompanying accurate clinical follow-up, serving the purpose of fundamental and translational research.

He is member of various national and international organizations (including ESMO, EORTC and the International Germ Cell Cancer Collaborative Group) and leads an active group of both clinicians and scientists, being/having been supervisor of more than 20 PhD students. He regularly lectures at Erasmus MC for both medical and biomedical students.

He has been invited for more than 200 key-note lectures, organized more than 10 meetings and has had over 40 funded research grants. He has authored more than 290 publications (39 first, 143 co- and 115 last authorships), as well as over 25 book chapters.