

FMUL *bicentennial* conference

two centuries of scientific research

programa

July 7th

08:30	Registration
09:00	Opening Ceremony (João Eurico Cabral da Fonseca)
09:15	Neurosciences (Chairperson: Luisa Lopes) António Damásio, University of Southern California – The Biology of Human Consciousness Tiago Branco, Sainsbury Wellcome Centre, London – Computation of Instinctive Escape Decisions Joaquim Ferreira, FMUL – Shifting Standards: Six Decades of Parkinson’s Disease Management Cláudia Faria, FMUL – Understanding the Biology of Brain Metastatic Disease
11:00	Coffee-break
11:30	Systemic Approaches to Disease (Chairperson: Luís Graça) Carlos Caldas, University of Cambridge – Precision Cancer Medicine 2.0 - An Exemplar of Systems Medicine Ana Pombo, Max Delbrück Centre of Molecular Medicine, Berlin – Variations in 3D Genome Structure Between Cell Types and in Stimulus Responses Bruno Silva-Santos, FMUL / GIMM – From the Lab to the Clinic: The Delta One T Cell Journey M. Carmo Fonseca, FMUL / GIMM – From Splicing Noise to Disease: When Errors Matter
13:00	Lunch
14:00	Infection, Inflammation, and Immunity (Chairperson: Bruno Silva-Santos) Silvia Portugal, Max Planck Institute for Infection Biology, Berlin – Road to Persistence, Survival Strategies of Malaria Parasites in the Dry Season Ana Domingos, University of Oxford – Neuroimmunometabolism Luís Moita, FMUL – Initiation of Immune Responses by Surveillance of Homeostasis Perturbations Maria Mota, FMUL / GIMM – It Takes Three to Kill: Parasite, Host, and Environment
15:30	Coffee-break
16:00	Clinical Research and Global Health (Chairperson: Joaquim Ferreira) Cristina Sampaio, CHDI Foundation, Princeton – Enroll-HD is a Global Clinical Research Platform Designed to Facilitate the Development of Therapeutics for Huntington Disease, a Rare Condition Ruy Ribeiro, Los Alamos National Laboratory – Tackling Global Health with Mathematics Luís Costa, FMUL – Predicting Treatment Outcome in Advanced Breast Cancer João Eurico Fonseca, FMUL – Long-Life Research on a Long-Life Disease
17:30	António Coutinho – Highlights of the Day, Future Perspectives

July 8th

08:00	Opening Session João Eurico Cabral da Fonseca, FMUL; Han-Ming Shen, UM; Carlos Monjardino, Fundação Oriente; Hu Bin, Chinese Embassy)
08:30	Keynote speaker Bin Li, Shanghai Jiao Tong University – Foxp3+ Regulatory T Cells and Their Functional Perturbation
09:00	University of Macau / University of Lisbon Symposium I (12 min presentations + 3 min questions) (Chairpersons: Han-Ming Shen, Luisa Figueiredo) Huanxing SU, UM – Drug Discovery and Validation in Cross-Species ALS Models Jiahong LU, UM – The Role of Autophagy in Alzheimer’s Disease: Mechanistic Insights and Therapeutic Exploration Luís Graça, FMUL/GIMM – Regulation of Antibody Responses and Tertiary Lymphoid Structures Leonor Saúde, FMUL / GIMM – Swimming Toward Healing: Zebrafish as a Model for Spinal Cord Repair Miguel Castanho, FMUL/GIMM – A East-West Path on Antiviral Drug Design and Development Susana Constantino, FMUL / CCUL – Radiation as a Biological Switch: Insights for Regeneration, Cancer, and Cardio-oncology Paul Peter Tak, FMUL – CAN-3110: a New Immunotherapy for Glioblastoma
10:45	Coffee-break
11:00	University of Macau / University of Lisbon Symposium II (12 min presentations + 3 min questions) (Chairpersons: Leonor Saúde, Jiahong Lu) Ruiyu Xie, UM – The TET3/GATA6 Axis Drives Lipid Metabolism in Pancreatic Ductal Adenocarcinoma Gang LI, UM - Post-Translational Modifications of Polycomb Repressive Complex 2 Ningyi SHAO, UM - Epigenetic Dysregulation and Molecular Subtyping Reveal Precision Targets in Neuroendocrine Malignancies Han-Ming SHEN, UM - Targeting PINK1 in Regulation of Mitophagy: From Molecular Mechanisms to Potential Application in Ageing and Neurodegeneration Luisa Figueiredo, FMUL / GIMM – Host Fat Under Attack During a Trypanosome Infection Paulo Navarro-Costa, FMUL / ISAMB - Ancient Evolutionary Origins of Male Infertility Edgar Gomes, FMUL / GIMM – Cellular Mechanisms of Skeletal Myofiber Formation
12:45	Keynote speaker Cong Li, Fudan University – Imaging the Immune Microenvironment in Brain Diseases
13:00	Closing Remarks