

## Friday 12 July 2024

## Conference Hall at Teaching Pavillion

8:30h - 9h Registration desk

9:15h - 9:30h Welcome

Andrea Férriz Gordillo, Neuromuscular and Mitochondrial Pathology, VHIR 9:30h - 10:30 h

In vivo role of respiratory CINDUFA10 subunit in dNTP homeostasis **Short Talks** 

Laura Carrillo Bosch, Gene Expression and Cancer, VHIO

Pre-clinical models to study Tumor Microenvironment

Emily Betancourt Fernández, Molecular Medical Imaging, VHIR

Advanced Imaging: The Power of PET

Andreu Òdena Bermudo, Experimental Therapeutics, VHIO Patient - derived models for translational breast cancer research

10:30h - 11h Coffee break

Ariadna Grinyo, Growth Factors, VHIO 11h - 12h

CAR T cell production: From the laboratory to the patient **Short Talks** Elisa Marín Ordovás, Clinical Neuroimmunology, VHIR

Development of iPSC - based humanized models to study oligodendroglial pathology and

remyelination in Multiple Sclerosis

Laia Peralba Parada, Hereditary Cancer Genetics, VHIO

Identifying Phenotypic Evidence in Patients with DNA Repair Defects

Juan Garrido Oliver, Cardiovascular Diseases, VHIR

Improving risk stratification of EVAR patients using deep learning applications with CT data

12h - 13h Dr. Daniel Truhn, MD, MSc, Head of Radiology at RWTH Aachen University

Foundation Models - the Beauty and the Beast Keynote talk

13h - 14h Lunch

14h - 15:30h Irene Marco Rius, Junior group leader, "la Caixa" Foundation - BIST Chemical Biology

Malte Beringer, Grant Consultant, Scientific Editor and Trainer

Panel Discussion: Careers in Academia and Industry

Programme at IBEC

**Evan Floden,** CEO of Seqera labs Maruxa Martínez, Digital media and Scientific affairs at PRBB and Associate Professor at

Universitat Pompeu Fabra

15:30h - 16h Coffee break

Ana Belén Moreno Cárdenas, Biomarkers and Clonal Dynamics, VHIO 16h - 17h

PhD Day Thesis Contest

Biomarkers and Clonal Dynamics From DNA to Action: Innovating Genomic Platforms for Predicting Immunotherapy Response

Ning Huang, Aging and cancer, VHIO

Understanding and translating the role of age and chemotherapy - induced iron dyshomeostasis

in MDS and AML

David Ramirez Gomez, Gene Therapy at Nervous System, VHIR

Alzheimer's retreat: a multifactorial treatment to remember Maria Fariña Morillas, Cancer Computational Biology, VHIO

Targeting epigenetic synthetic lethality for cancer treatment

Verónica Villagrasa Araya, Clinical Biochemistry, Drug Delivery & Therapy, VHIR

Engineered extracellular vesicles for improving the treatment of lysosomal storage disorders

Paula Galván Blasco, Systemic Diseases, VHIR

Biomarkers of anaphylaxis

Setareh Kompanian, Hereditary Cancer Genetic, VHIO

Enhancing Diagnostic Rates for Hereditary Breast and Ovarian Cancer through Whole

Genome Sequencing

Anna Behr, Gene Therapy at Nervous System, VHIR Every Life Matters: Innovative Therapy against Rare Rebel Gene

Fabio Giuntini, Models of Cancer Therapies, VHIO

Controlling the Cancer Accelerator: Targeting MYC & Beating Lynparza's Resistance

17h Closing

17:15h - 19h Networking

Only for PhD students at Centre Cívic Casa Groga

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