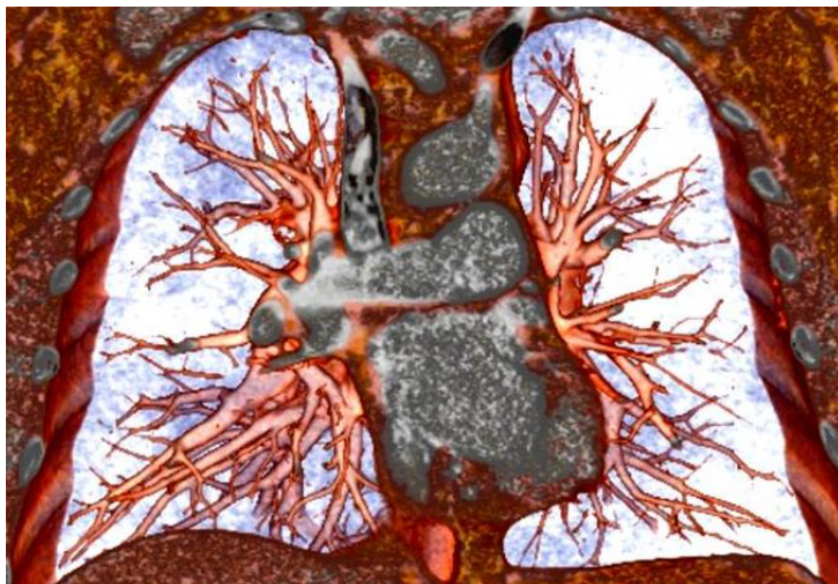


9ª REUNIÓN DE INVESTIGACIÓN EN HIPERTENSIÓN PULMONAR



VIERNES 28 DE FEBRERO DE 2025

AUDITORIO CEK
IDIBAPS – Hospital Clínic de Barcelona
Rosselló, 153. 08036 - Barcelona

Organiza: Línea de Investigación en Hipertensión Pulmonar del CIBERES

Agenda

Bienvenida 09:30-09:40

Dra. María Molina Molina
Directora Científica, CIBERES

Prof. Francisco Pérez-Vizcaíno
Director del Programa de Enfermedades Respiratorias Difusas,
CIBERES

Dr. Joan Albert Barberà
Coordinador de la Línea de Investigación en Hipertensión
Pulmonar, CIBERES

Conferencia Invitada 09:40-10:15

▪ Enabling future genomic medicine in pulmonary
hypertension by leveraging diverse population-scale data

Dr. Stefan Gräf
Department of Medicine, University of Cambridge, United
Kingdom

Comunicaciones. Sesión 1 10:15-11:40

Moderadores: Remedios Otero, Jair Tenorio, Diana Valverde

▪ A new case of a non-mosaic *PORCN* mutation in two male
siblings with severe congenital anomalies overlapping focal
dermal hypoplasia 10:15

Lucía Miranda
Instituto de Genética Médica y Molecular (INGEMM), Madrid.

▪ Pulmonary Arterial Hypertension and NOTCH3 Variants. A
Genotype-Phenotype study 10:27

Alejandro Cruz
Hospital Universitario 12 de Octubre, Madrid. CIBERCV

▪ Integration of epigenetics in the etiopathology of pulmonary
hypertension 10:39

Natalia Gallego
Instituto de Genética Médica y Molecular (INGEMM), Madrid.

CIBERER

- Severe pulmonary hypertension associated with chronic lung diseases presents dysregulated immunity and complement and coagulation cascades

Adelaida Bosacoma
IDIBAPS-Hospital Clínic de Barcelona. CIBERES

- 10:51
- YME1L1, a mitochondrial morphology regulator as a PAH novel candidate gene

Bertha García-León
Centro de Investigaciones Biológicas Margarita Salas (CIB-CSIC), Madrid

- 11:03
- *FLNA* variants in patients with pulmonary hypertension population

Mónica Mora
Instituto de Genética Médica y Molecular (INGEMM), Madrid. CIBERER

- 11:15
- Update and management of the Spanish Pulmonary Hypertension Biobank

Ada Soler-Ventura
Biobanc Hospital Clínic de Barcelona-IDIBAPS

- 11:27

Pausa - Café 11:40-12:10

Comunicaciones. Sesión 2 12:10-14:00
Moderadores: Diego Rodríguez, Eduardo Oliver, Gregorio Pérez-Peñate

- Enhancing Risk Stratification in Pulmonary Hypertension: Integrating Echocardiographic Parameters with the REVEAL Lite 2.0 Score

Eva Gutiérrez
Hospital Universitario 12 de Octubre, Madrid, CIBERCV

- 12:10
- Neoplasia in patients diagnosed with pulmonary hypertension: incidence, management and prognosis

Alejandro Cruz
Hospital Universitario 12 de Octubre, Madrid. CIBERCV

- 12:22

- Residual Perfusion Defects In Pulmonary Embolism: The Contribution Of Obstructive Sleep Apnea And Mirna Expression (Nix Study)

Carlos Carrera
Unidad de Enfermedades Respiratorias, Hospital Universitario Virgen del Rocío. Instituto de Investigación Biomédica de Sevilla (IBiS)

▪ 12:34
- Comparison of TAPSE/PASP Ratio Measured by Transthoracic Echocardiography and Right Heart Catheterization in Pulmonary Hypertension: Prognostic Implications

Eva Gutiérrez
Hospital Universitario 12 de Octubre, Madrid, CIBERCV

▪ 12:46
- Functional Characterization of Pulmonary Endothelial Cells Harvested from Pulmonary Artery Catheter in Pulmonary Arterial Hypertension: Effect of Treatment

Anna Sardiné
IDIBAPS-Hospital Clínic de Barcelona. CIBERES

▪ 12:58
- Aging enhances maladaptive cardiac responses and metabolic alterations in PAH

María Jesús Sánchez
CIC biomaGUNE, Donostia. CIBERES

▪ 13:10
- Repurposed drugs targeting S1R to enhance Kv1.5 channel activity in pulmonary arterial hypertension

Marta Villegas
Universidad Complutense de Madrid. CIBERES

▪ 13:22
- Effects of Physical Training on Mitochondrial Dynamic in Pulmonary Arterial Hypertension

Kelly Casós
IDIBAPS-Hospital Clínic de Barcelona. CIBERES

▪ 13:34
- Dysfunction of innate immune receptors in endothelial progenitor cells in paediatric pulmonary hypertension

Ana Conde
Universidad Complutense de Madrid.

▪ 13:46

Pausa - Comida

14:00-15:00

Presentación Fundación Contra la Hipertensión Pulmonar 15:00-15:15

Comunicaciones. Sesión 3 15:15-16:55
 Moderadores: Angel Cogolludo, Isabel Blanco, Andrés Tenes

▪ Smoking exposure on diagnosis and survival of pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension: data from REHAP registry 15:15

Karys Khilzi

Hospital del Mar-IMIM, Barcelona. CIBERES

▪ Thermodilution vs indirect Fick for pulmonary flow measurement in a model of aorto-pulmonary shunt 15:27

Carlos Real

Centro Nacional de Investigaciones Cardiovasculares (CNIC)
 Hospital Universitario Clínico San Carlos, Madrid

▪ Comparative Analysis of Circulating Endothelial Progenitor Cells and Resected Tissue-Derived Endothelial Cells in Chronic Thromboembolic Pulmonary Hypertension (CTEPH) 15:39

Míriam Peracaula

Girona Biomedical Research Institute (IDIBGI-CERCA), Parc Hospitalari Martí i Julià

▪ *In vivo* Metabolic Profiling of Pulmonary Arterial Hypertension Using PET Imaging 15:51

Jesús Ruiz-Cabello

CIC biomaGUNE, Donostia. CIBERES

▪ The role of ZIP12 in pulmonary vascular remodelling 16:03

Lola Navarro-Llinares

Centro de Investigaciones Biológicas Margarita Salas (CIB-CSIC), Madrid

▪ Peripheral microvascular endothelial function in pulmonary arterial hypertension: Impact of therapy 16:15

Ricardo Aguilar

IDIBAPS-Hospital Clínic de Barcelona. CIBERES

- Developing of first in class Nitric Oxide-Releasing PDE4 Inhibitors for Class III Pulmonary Hypertension: an animal *in vivo* study ▪ 16:27

Javier Milara

Universidad de Valencia. Consorcio Hospital General Universitario de Valencia. CIBERES

- Expression of Kir2 Channels in Pulmonary Vascular Cells and their Role in Pulmonary Arterial Hypertension ▪ 16:39

Bianca Barreira

Universidad Complutense de Madrid. CIBERES

Conclusiones y Despedida

16:55-17:05

Dr. Joan Albert Barberà

Coordinador Línea de Investigación en Hipertensión Pulmonar, CIBERES

Con la colaboración de :



