

5ª REUNIÓN DE INVESTIGACIÓN EN HIPERTENSIÓN PULMONAR



3, 4, 5 DE FEBRERO DE 2021

Organiza:

Línea de Investigación en Hipertensión Pulmonar
Centro de Investigación Biomédica en Red de Enfermedades
Respiratorias (CIBERES)

Agenda

Miércoles, 3 de febrero

Bienvenida 15:00-15:10

Dr. Joan Albert Barberà

Coordinador, Línea de Investigación en Hipertensión Pulmonar, CIBERES

Dr. Francisco Pérez-Vizcaíno

Coordinador, Programa de Enfermedades Respiratorias Difusas, CIBERES

Comunicaciones. Sesión 1A. Genética 15:10-16:25

Moderadores: Ángel Cogolludo, Jair Tenorio, Diana Valverde

▪ Novel *TRAF2* variant and *KDR* deletion are implicated in the pathogenesis of pulmonary arterial hypertension 15:10

Natalia Gallego

Hospital La Paz, Madrid

▪ Congenital heart disease associated with pulmonary arterial hypertension. Different behavior of a novel *BMP2* deletion in the same family 15:25

Alejandro Cruz

Hospital 12 de Octubre, Madrid

▪ Functional analyses of *TBX4* variants show a novel causal mechanism 15:40

Mauro Lago

Universidade de Vigo

▪ Characterization of novel *KCNA5* loss-of-function mutations in a Spanish cohort of pulmonary arterial hypertension patients 15:55

Alba Vera-Zambrano

Universidad Autónoma de Madrid

▪ Selection of a gene panel related to pulmonary hypertension associated with respiratory diseases 16:10

Adelaida Bosacoma

Hospital Clínic, Barcelona

Pausa

16:25-16:30

Comunicaciones. Sesión 1B. COVID-19

16:30-17:30

Moderadores: Isabel Blanco, Pilar Escribano, Alberto García-Ortega

- Curso clínico de la COVID-19 en pacientes con hipertensión arterial pulmonar ▪ 16:30

María José Cristo

Hospital 12 de Octubre, Madrid

- Biological markers associated with pulmonary embolism in COVID-19 ▪ 16:45

Jorge Moisés

Hospital Clínic, Barcelona

- Impact of the COVID-19 outbreak and mortality on lung transplantation. Experience of a center ▪ 17:00

Carlos Andrés Quezada

Hospital 12 de Octubre, Madrid

- Nuevas iniciativas de investigación en COVID-19 y circulación pulmonar ▪ 17:15

Alicia Ruiz

Hospital 12 de Octubre, Madrid

Jueves, 4 de febrero

Comunicaciones. Sesión 2A. Endotelio

15:00-16:15

Moderadores: Francisco Pérez-Vizcaíno, Olga Tura-Ceide,

- Preliminary results of clinical trial phase I to establish safety of intravenous administration of expanded umbilical cord derived mesenchymal stem cells (ucd-MSCs) in preterm patients at high risk of bronchopulmonary dysplasia ▪ 15:00

María Jesús del Cerro

Hospital Ramón y Cajal, Madrid

- HIV and Schistosoma co-exposure exacerbates pulmonary endothelial remodeling and dysfunction ▪ 15:15

Daniel Morales

Universidad Complutense de Madrid

- Development and validation of a new hypoxia system to study endothelial dysfunction in chronic thromboembolic pulmonary hypertension (CTEPH) ▪ 15:30

Ylenia Roger

Hospital Clínic, Barcelona

- Pulmonary vascular dysfunction in a model of portal hypertension and cirrhosis induced by CCl₄ ▪ 15:45

Miguel Macías

Universidad Complutense de Madrid

- Effects of endurance exercise training on circulating endothelial progenitor cells and endothelial microparticles in patients with pulmonary arterial hypertension ▪ 16:00

Clara Martín

Hospital del Mar-IMIM, Barcelona

Pausa 16:15-16:20

Comunicaciones. Sesión 2B. HPTEC. Diagnóstico 16:20-17:35

Moderadores: Jesús Ruiz-Cabello, Remedios Otero, Lucilla Piccari

- Women and chronic thromboembolic pulmonary hypertension. The special meaning of balloon pulmonary angioplasty ▪ 16:20

Alejandro Cruz

Hospital 12 de Octubre, Madrid

- Different patterns of 18-FDG uptake on PET-CT in idiopathic pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension ▪ 16:35

Jeisson Osorio

Hospital Clínic, Barcelona

- Plasma metabolic profile match with noninvasive low-risk criteria in PAH patients ▪ 16:50

José Luis Izquierdo

CIC biomaGUNE, Donostia

- Non-invasive evaluation of pulmonary vasculopathy associated with advanced heart failure ▪ 17:05

Ángel Gaitán

CIC biomaGUNE, Donostia

- Peripheral endothelial dysfunction and arterial stiffness in pulmonary arterial hypertension ▪ 17:20
Agustín García
Hospital Clínic, Barcelona
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Viernes, 5 de febrero

Comunicaciones. Sesión 3A. Vías de Señalización 15:00-16:15

Moderadores: Víctor Peinado, Javier Milara, Eduardo Oliver

- Transcriptomic profile of cationic channels in Pulmonary Arterial Hypertension ▪ 15:00
Francisco Pérez-Vizcaíno
Universidad Complutense de Madrid
- Differential expression of plasma microRNAs in chronic thromboembolic pulmonary hypertension and pulmonary embolism related to occult cancer ▪ 15:15
Julia Oto
Hospital La Fe, Valencia
- The role of Notch3 pathway in pulmonary arterial hypertension ▪ 15:30
Zuriñe Blasco
CIC biomaGUNE, Donostia
- IL-11 promotes pulmonary vascular remodeling and hypertension *in vivo* ▪ 15:45
Inés Roger
Universidad de Valencia
- Validation based hemodynamic studies in porcine pulmonary artery under acute lung injury ▪ 16:00
Rahul Kumar
CIC biomaGUNE, Donostia

Pausa 16:15-16:20

Comunicaciones. Sesión 3B. HP Grupo 3 16:20-17:35

Moderadores: Diego A. Rodríguez, Ernest Sala, Gregorio Pérez-Peñate

- Update and management of the spanish pulmonary hypertension biobank
Teresa Botta
IDIBAPS - Hospital Clínic, Barcelona
 - The effect of borderline pulmonary hypertension on survival in chronic lung disease
Lucilla Piccari
Hospital del Mar-IMIM, Barcelona
 - Effect of pulmonary hypertension on exercise tolerance in patients with chronic obstructive pulmonary disease: A prognostic systematic review and meta-analysis
Rodrigo Torres
Hospital Clínic, Barcelona
 - Gas exchange impairment in COPD with severe pulmonary hypertension
Lucilla Piccari
Hospital Clínic, Barcelona
 - Treatment of severe pulmonary hypertension secondary to chronic lung disease
Carlos Andrés Quezada
Hospital 12 de Octubre, Madrid
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