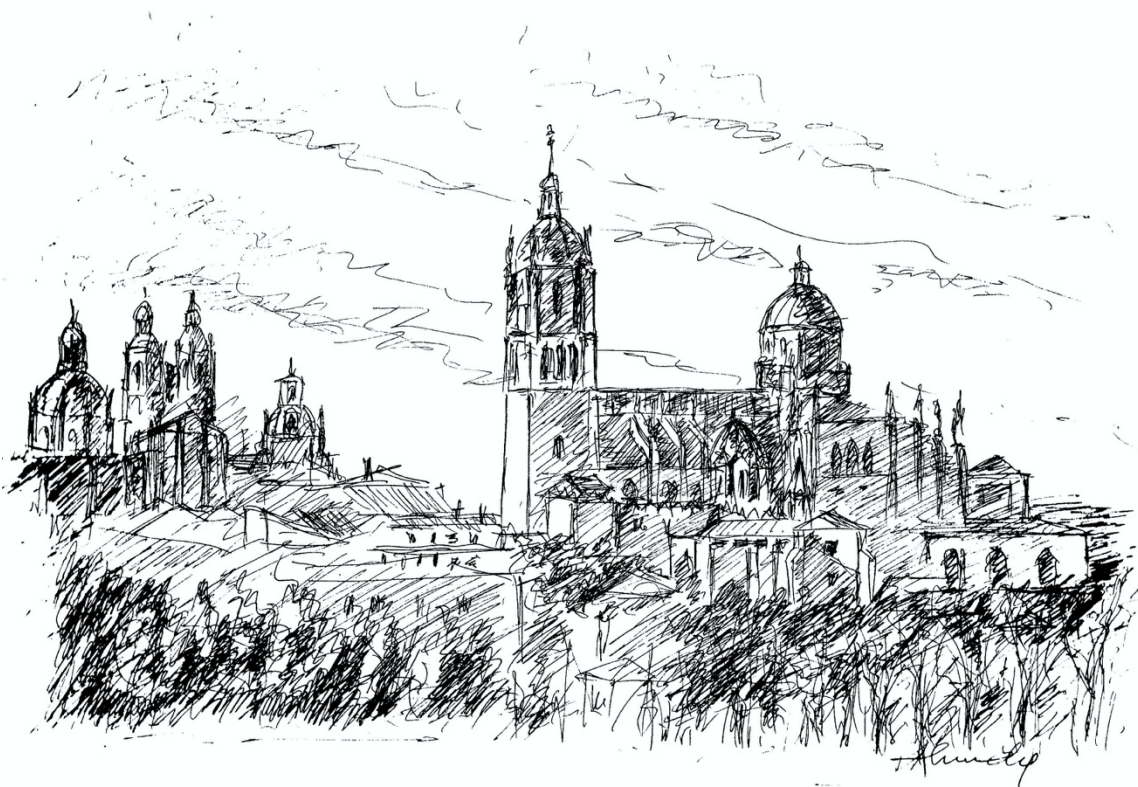


# VII ANNUAL MEETING OF THE SPANISH GROUP OF HYPOXIA



**SALAMANCA**

**November 24<sup>th</sup>-25<sup>th</sup>, 2022**

***Organizers:***

***Ángeles Almeida; Juan Pedro Bolaños***

***Instituto de Biología Funcional y Genómica (IBFG)***

***Instituto de Investigación Biomédica de Salamanca (IBSAL)***

**Meeting Venue:**

Salón de Actos, Instituto de Biología Funcional y Genómica, Universidad de Salamanca-CSIC.  
Calle Zacarías González, 2, 37007 Salamanca



## PROGRAMME

**November 24<sup>th</sup>, 2022**

**12:00-12:30. Registration and poster setup**

**12:30 - 12:45. Welcome**

Ángeles Almeida, Edurne Berra y Alberto Pascual

**12:45-13:30. Opening Lecture.** Chair: *Ángeles Almeida*. IBFG. IBSAL

The multiple flavors of the mitochondrial electron transport chain

*José Antonio Enríquez*. Centro Nacional de Investigaciones Cardiovasculares

**13:30-14:00. Poster Storm (Flash Talks)**

**14:00-15:30. Lunch and Poster Viewing**

**15:30-17:30. Session I.** Chair: *Juan Pedro Bolaños*. IBFG. IBSAL

Selective mitochondrial translocation of HIF1 $\alpha$  modulates dynamics and mitochondria functions.

*José Manuel Rodríguez Vargas*. Instituto de Parasitología y Biomedicina López-Neyra (CSIC)

Why do mural cells constitutively express hypoxia related mitochondrial proteins?

*Andrés Urrutia*. Universidad Autónoma de Madrid

Normal and transient microglial activity during development requires Mitochondrial complex I.

*Juan José Pérez Moreno*. Instituto de Biomedicina de Sevilla (IBiS)

In vivo role of the hypoxia-inducible amino acid transporter SLC7A5

*Julián Aragonés*. Universidad Autónoma de Madrid

**17:30-18:00. Coffee Break**

**18:00-19:30. Session II.** Chair: *Águeda González Rodríguez*. Instituto de Investigaciones Biomédicas Alberto Sols (UAM-CSIC)

Factor inhibiting HIF promotes lung cancer progression: opportunities for new therapeutic agents

*Ana García del Río*. CIC bioGUNE

Hypoxia signalling dictates Prostate Cancer fate

*Maidier Fagoaga*. CIC bioGUNE

Contribution of BHLHE40 to the transcriptional response to hypoxia

*Luis del Peso*. Instituto de Investigaciones Biomédicas Alberto Sols

**21:00. Dinner**



**November 25<sup>th</sup>, 2022**

**09:30-11:00. Session III.** Chair: *Edurne Berra*. CIC bioGUNE

Oxidative damage in reperfusion after stroke: ferroptosis and the role of the mitochondrial sodium/calcium exchanger NCLX.

*Susana Delgado*. Hospital Universitario Santa Cristina. IIS La Princesa

Neuronal ischemic tolerance through modulation of calpain-2 activity

*María Delgado Esteban*. IBFG. IBSAL

New insights into p53-mediated neovascularization and functional recovery after hemorrhagic stroke

*Cristina Rodríguez*. IBFG. IBSAL

**11:00-11:30. Coffee Break**

**11:30-13:30. Session IV.** Chair: *Alberto Pascual*. IBiS

Overlap syndrome in COPD patients is associated with larger left carotid atherosclerotic plaques.

*Carlos E Fernández García*. Hospital Universitario Santa Cristina. IIS La Princesa

VSMC/pericyte HIF2 signaling prevents cardiomegaly, pulmonary hypertension, and inflammation in response to chronic hypoxia

*Silvia Martín Puig*. Instituto de Investigaciones Biomédicas Alberto Sols

Role of thrombospondin-1 in traumatic brain injury

*Céline Decouty*. Hospital Universitario Santa Cristina. IIS La Princesa

Smoking and Hypoxia: Contribution to vascular dysfunction in chronic obstructive pulmonary disease

*María José Calzada*. Universidad Autónoma de Madrid

**13:30-14:00. Concluding remarks**

**14:00-15:30. Lunch and Poster Viewing**

**15:30. End of the meeting**