

1ST IBERIAN SYMPOSIUM
ON CILIARY BIOLOGY

Thursday, May 7th, 2026

16:00-18:05 (Spain) / 15:00-17:05 (Portugal)

ONLINE

Glòria Casas Gimeno (IBMB-CSIC, Barcelona, Spain)

Carla M. Abreu (i3S, Porto, Portugal)

Lidón Carretero (IIS La Fe, CiberER, Valencia, Spain)

Laura Bozal Basterra (CIC bioGUNE, Bizkaia, Spain)

Rocco Nardiello (Univ. Barcelona, CiberER, Spain)

Susana S. Lopes (Univ. Lisbon, Portugal)



PROGRAM

All times CET (Central European time)

16:00-16:05. Symposium Introduction.

Francesc García-Gonzalo (IIBM & CiberER, Madrid, Spain) & **Tiago Dantas** (University of Minho, Braga, Portugal)

16:05-16:25. Rootletin Fiber Dynamics Integrate Cytoskeletal Programs to Shape Neuroepithelial Architecture. **Glòria Casas Gimeno** (Saade lab, IBMB-CSIC, Barcelona, Spain)

16:25-16:45. Removal of the Ciliary Gate Allows Axoneme Extension in the Absence of Retrograde IFT. **Carla M. Abreu** (i3S, Porto, Portugal)

16:45-17:05. Integrated Whole Genome Sequencing and RNA-seq analysis as a powerful technical framework to diagnose primary ciliary dyskinesia. **Lidón Carretero** (Millán lab, La Fe, CiberER, Valencia, Spain)

17:05-17:25. The Prostate Cancer Brake: Primary Cilium as a Regulator of Therapy Response. **Laura Bozal Basterra** (Carracedo lab, CIC bioGUNE, Derio, Bizkaia, Spain)

17:25-17:45. Retinal and Neural Organoids as Functional Models to Decode Ciliopathy Mechanisms. **Rocco Nardiello** (Marfany lab, University of Barcelona, CiberER, Spain)

17:45-18:05. mRNA therapies for Primary Ciliary Dyskinesia using zebrafish and patient primary cultures. **Susana S. Lopes** (University of Lisbon, Lisboa, Portugal)

Organizing committee:

Francesc García Gonzalo (IIBM, CiberER, Madrid), Tiago Dantas (Univ. Minho, Braga), Carla Abreu (i3s, Porto), Diana Valverde (Univ. Vigo), José M. Millán (IIS La Fe, CiberER, Valencia), Gemma Marfany (U. Barcelona, CiberER) & Rosa Barrio (CIC bioGUNE)