



XXVI EDITION

# IBiS Seminar Series

2026–2027

Coordinated by David Cano González & Diana Aguilar Morante



# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Calendar Overview

Oct. 15<sup>th</sup> 2026: Magali Suzanne

Oct. 29<sup>th</sup> 2026: Álvaro San Millán

Nov. 12<sup>th</sup> 2026: *To be announced*

Nov. 26<sup>th</sup> 2026: Paula Río

Dec. 3<sup>rd</sup> 2026: *To be announced*

Jan. 14<sup>th</sup> 2027: Héctor Peinado

Jan. 21<sup>st</sup> 2027: Luis Álvarez-Vallina

Jan. 28<sup>th</sup> 2027: Ángela Nieto

Feb. 11<sup>th</sup> 2027: David Filgueiras-Rama

Feb. 25<sup>th</sup> 2027: Sonia Fernández-Veledo

Mar. 18<sup>th</sup> 2027: Nicolas Renier

Apr. 8<sup>th</sup> 2027: Ole Schmeltz Søgaaard

Apr. 22<sup>nd</sup> 2027: Keith Caldecott

May 6<sup>th</sup> 2027: Isabelle Brunet

May 20<sup>th</sup> 2027: Heiko Lickert

Jun. 3<sup>rd</sup> 2027: Martin Vaeth

Jun. 17<sup>th</sup> 2027: Petra Hamerlik

**Date to be confirmed:**

Ana María Cuervo

Clara V. Álvarez Villamarín (Nov. 12 or Dec. 3)

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## 2026-2027

### Magali Suzanne

Centre de Biologie Intégrative (CBI), Toulouse, France

**Date** October 15<sup>th</sup> 2026

**Host** *Luis María Escudero*

**Type** Face to face

#### Profile

- CNRS Research Director and team leader at CBI Toulouse
- EMBO member (2022); ERC Consolidator Grant (2015)
- Louise Basset Prize, French Academy of Sciences (2023)



#### SEMINAR

**EMT mechanics during morphogenesis**

#### Main focus of research

- How cell death shapes tissues during development
- Maintenance of epithelial tissue integrity
- Cell biology, biophysics and modelling approaches

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Álvaro San Millán

Centro Nacional de Biotecnología (CNB-CSIC), Madrid

**Date** October 29<sup>th</sup> 2026

**Host** *José Manuel Rodríguez Martínez*

**Type** Face to face

#### Profile

- CSIC Research Scientist; head of the Plasmid Biology and Evolution Lab
- Two ERC grants as principal investigator
- Jaime Ferrán Award and Margarita Salas Award (2021)



#### SEMINAR

**Evolution of plasmid-mediated antimicrobial resistance**

#### Main focus of research

- Evolution and spread of antimicrobial resistance
- Plasmid biology and horizontal gene transfer
- Experimental evolution, genomics and computational biology

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Clara V. Álvarez Villamarín

CiMUS / Department of Physiology, Universidad de Santiago de Compostela

**Date** November 12<sup>th</sup> / December 3<sup>rd</sup> 2026

**Host** *Rafael Fernández Chacón*

**Type** Face to face

#### Profile

- Full Professor, USC, and Group Leader, Neoplasia & Endocrine Differentiation, CiMUS
- Secretary of the ETA Thyroid Cancer Group; Associate Editor, Endocrine Oncology
- 87 peer-reviewed publications and biomedical patents



#### SEMINAR

From surgery to the lab:  
patient-derived models in  
endocrine cancer

#### Main focus of research

- Thyroid cancer and pituitary tumours
- Patient-derived cells from surgical samples.
- New targeted therapies for anaplastic thyroid cancer

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Paula Río

CIEMAT / CIBERER / IIS-Fundación Jiménez Díaz, UAM, Madrid

**Date** November 26<sup>th</sup> 2026

**Host** Patricia Ybot

**Type** Face to face

#### Profile

- Head of the Bone Marrow Aplasia and Advanced Therapies Unit, CIEMAT
- President of the Spanish Society of Gene and Cell Therapy (SETGyC)
- ESGCT Young Investigator Award (2019)



#### SEMINAR

From *ex vivo* to *in vivo*  
gene therapy in Fanconi  
Anemia

#### Main focus of research

- Gene therapy and gene editing for Fanconi anemia
- FANCA lentiviral vector with EMA and FDA orphan drug designation
- Clinical trials of hematopoietic stem cell gene therapy

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# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Héctor Peinado

Centro Nacional de Biotecnología (CNB-CSIC), Madrid

**Date** January 14<sup>th</sup> 2027

**Host** *Daniel Gómez Cabello*

**Type** Face to face

#### Profile

- CSIC Investigador Científico; head of the Microenvironment and Metastasis Group
- Group leader at CNIO (2015–2025)
- More than 125 articles and 4 international patents



#### SEMINAR

**Extracellular vesicles in metastatic progression, from biology to therapy**

#### Main focus of research

- Tumour–microenvironment communication in metastasis
- Tumour-derived exosomes and the pre-metastatic niche
- Extracellular vesicle biomarkers for liquid biopsy

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Luis Álvarez-Vallina

CNIO-HMRIB Cancer Immunotherapy Clinical Research Unit  
(CNIO, Madrid; Hospital del Mar Research Institute, Barcelona)

**Date** January 21<sup>st</sup> 2027

**Host** *José Antonio Pérez Simón*

**Type** Face to face

#### Profile

- Head of the Cancer Immunotherapy Clinical Research Unit, CNIO
- Research Director, Banc de Sang i Teixits, and group leader, HMRIB (2025)
- Co-developed the first CARs with CD28 costimulation



#### SEMINAR

### Next-Generation Adoptive Cell Therapies for Cancer

#### Main focus of research

- T cell redirection strategies and multispecific antibodies
- STAb-T immunotherapy: cells secreting bispecific T cell engagers
- Two phase 1 trials in hematological malignancies

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### M. Ángela Nieto

Instituto de Neurociencias (CSIC-UMH), Alicante

**Date** January 28<sup>th</sup> 2027

**Host** *Juan José Toledo Aral*

**Type** Face to face

#### Profile

- CSIC Research Professor and group leader at the Instituto de Neurociencias, Alicante
- EMBO member
- National Research Award Santiago Ramón y Cajal (2019)



#### SEMINAR

**Cell plasticity and EMT:  
from embryonic  
development to disease**

#### Main focus of research

- Epithelial-to-mesenchymal transition (EMT) in development and disease
- Snail transcription factors and cell plasticity
- EMT in cancer progression and fibrosis

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### David Filgueiras-Rama

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

**Date** February 11<sup>th</sup> 2027

**Host** *Tarik Smani*

**Type** Face to face

#### Profile

- Group leader, Advanced Development in Arrhythmia Mechanisms and Therapies, CNIC
- Cardiac electrophysiologist, Hospital Clínico San Carlos
- Independent investigator since 2014



#### SEMINAR

Atrial remodeling and  
wave propagation in  
persistent atrial fibrillation

#### Main focus of research

- Mechanisms of complex cardiac arrhythmias
- Wave propagation dynamics during cardiac fibrillation
- Translational pig model of persistent atrial fibrillation

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Sonia Fernández-Veledo

IRB Catalunya Sud / CIBERDEM / Universitat Rovira i Virgili,  
Tarragona

**Date** February 25<sup>th</sup> 2027

**Host** *David Cano González*

**Type** Face to face

#### Profile

- Group leader, DIAMET Lab; Associate Professor, URV
- Deputy Scientific Director, CIBERDEM
- Co-founder and CSO of SUCCIPRO S.L.



#### SEMINAR

**Beyond Pathology:  
Succinate-SUCNR1 as  
a Physiological  
Metabolic Sensor**

#### Main focus of research

- The succinate–SUCNR1 axis in metabolic homeostasis
- Crosstalk between metabolism, immunity and gut microbiota
- Succinate as a biomarker in obesity, diabetes and liver disease

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### Nicolas Renier

Paris Brain Institute (ICM), Paris, France

**Date** March 18<sup>th</sup> 2027

**Host** *Alberto Pascual*

**Type** Face to face

#### Profile

- Group leader at the Paris Brain Institute since 2017
- ERC Starting and Consolidator grants
- FENS Young Investigator Award (2022)



#### SEMINAR

The wiring and re-wiring of the cerebrovascular network throughout life

#### Main focus of research

- Postnatal brain development and parental behaviours
- Neuronal and vascular plasticity in shaping brain function
- Large-scale, high-resolution 3D microscopy

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# XXVI IBiS SEMINAR SERIES

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### Ole Schmeltz Søgaard

Aarhus University Hospital, Aarhus, Denmark

**Date** April 8<sup>th</sup> 2027

**Host** *Ezequiel Ruiz-Mateos Carmona*

**Type** Face to face

#### Profile

- Professor, Department of Clinical Medicine, Aarhus University
- Infectious diseases consultant, Aarhus University Hospital
- Opening plenary speaker at CROI 2025



#### SEMINAR

Progress towards an HIV  
Cure: From ART to  
remission

#### Main focus of research

- Viral pathogenesis and persistence
- Broadly neutralizing antibodies and immune modulation
- Clinical strategies to reverse HIV-1 latency

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Keith Caldecott

Genome Damage and Stability Centre, University of Sussex,  
UK

**Date** April 22<sup>nd</sup> 2027

**Host** *Fernando Gómez Herreros*

**Type** Face to face

#### Profile

- Director, Genome Damage and Stability Centre, University of Sussex
- Fellow of the Royal Society (2023) and of the Academy of Medical Sciences
- EMBO member (2010)



#### SEMINAR

**DNA Single-Strand Break  
Repair and Human  
Genetic Disease**

#### Main focus of research

- New human genes in DNA single- and double-strand break repair
- Genetic causes of neurodegeneration
- Diagnosis of neurological disease caused by broken DNA

# XXVI IBiS SEMINAR SERIES

## 2026-2027

### Isabelle Brunet

Center for Interdisciplinary Research in Biology (CIRB), Collège de France, Paris

**Date** May 6<sup>th</sup> 2027

**Host** *Raquel del Toro*

**Type** Face to face

#### Profile

- Group leader, Molecular Control of Neurovascular Development, CIRB
- Research line at the interface of neuroscience and vascular biology



#### SEMINAR

**Nerves and vessels:  
shared guidance cues in  
development and disease**

#### Main focus of research

- Neurovascular interactions in development and disease
- Axon guidance and angiogenesis
- Nerve vascularization and neuropathies

# XXVI IBiS SEMINAR SERIES

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### Heiko Lickert

Institute of Diabetes and Regeneration Research, Helmholtz  
Munich, Germany

**Date** May 20<sup>th</sup> 2027

**Host** *David Cano González*

**Type** Face to face

#### Profile

- Director, Institute of Diabetes and Regeneration Research, Helmholtz Munich
- Chair of Beta Cell Biology, Technical University of Munich
- Three ERC grants, including an ERC Advanced Grant (2022)



#### SEMINAR

**Beta cell development  
and regeneration**

#### Main focus of research

- $\beta$ -cell development, homeostasis and function
- In vivo regeneration of endogenous  $\beta$ -cells
- Stem cell-derived  $\beta$ -cells for replacement therapy

# XXVI IBiS SEMINAR SERIES

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### Martin Vaeth

Institute of Systems Immunology, Julius-Maximilians-University  
Würzburg, Germany

**Date** June 3<sup>rd</sup> 2027

**Host** *Simón Méndez Ferrer*

**Type** Face to face

#### Profile

- Professor of Immunometabolism, University of Würzburg (2026)
- Max Planck Research Group leader (2019–2026)
- Postdoctoral training at New York University



#### SEMINAR

The INs and OUTs of  
hexose transporter  
GLUT3 in T cells

#### Main focus of research

- Metabolism and immune cell signalling
- Metabolic control of inflammation and immune regulation
- The glucose transporter GLUT3 in T cells

# XXVI IBiS SEMINAR SERIES

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### Petra Hamerlik

Division of Cancer Sciences, Paterson Research Building,  
University of Manchester, UK

**Date** June 17<sup>th</sup> 2027

**Host** *Diana Aguilar Morante*

**Type** Face to face

#### Profile

- Professor of Neuro-Oncology and Brain Tumour Charity Chair of Translational Neuro-Oncology (since 2022)
- Head of the Paterson Research Lab; Brain Tumour lead, Geoffrey Jefferson Brain Research Centre
- Active Grants: Brain Tumour Charity (£1.35M) and Lindonlight Collective (\$1.97M)



#### SEMINAR

**Overcoming glioblastoma:  
therapy resistance and  
early detection**

#### Main focus of research

- Therapy resistance and DNA damage response in glioblastoma
- Blood-based early detection of glioblastoma
- Patient-derived models for preclinical drug testing and brain metastases

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### Ana María Cuervo

Albert Einstein College of Medicine, New York

**Date** To be confirmed

**Host** *Rafael Fernández Chacón*

**Type** Face to face

#### Profile

- Distinguished Professor and Robert and Renee Belfer Chair, Einstein; Co-Director, Institute for Aging Research
- Member of the US National Academy of Sciences; Co-Editor-in-Chief, *Aging Cell*
- Over 200 peer-reviewed publications; Highly Cited Researcher since 2018



#### SEMINAR

**Chaperone-mediated autophagy: cellular quality control in aging and disease**

#### Main focus of research

- Autophagy and lysosomal protein degradation in aging
- Autophagy defects in Parkinson's, Alzheimer's and Huntington's disease
- Restoring cellular clean-up to treat metabolic disorders and cancer

# Coffee with PhD students

## HOW IT WORKS

1

### Get the link

The link to the application form “**MEET THE EXPERT**” will be sent **tomorrow**

2

### Apply

**PhD students** interested in meeting the speakers complete the form by **13 October**

3

### Meet

The host schedules a meeting between the PhD students and the speaker

4

### Certificate

The institute provides a certificate to predoctoral students who attend five meetings