



XIV Simposi de Neurobiologia: Noves perspectives en la investigació del cervell

XIV Neurobiology Symposium: New perspectives into brain research

June 3rd-4th, 2026. Barcelona, Spain

Organized by *Secció de Neurobiologia Experimental*, Societat Catalana de Biologia.

Secretariat: scb@iec.cat

Information previous Symposiums [2022](#) and [2024](#).

Summary

The *Neurobiology Symposium* is a biennial scientific event organized by the Neurobiology section of the *Societat Catalana de Biologia* (SCB), an institution funded in 1912 with the main objective of disseminating biological science in Catalunya. Since the first Edition in 1996 (30 years ago), the Neurobiology Symposium has been a reference for researchers, professors and doctoral and postdoctoral students in the field of Neurobiology and Neurosciences in Catalunya, Valencia and Illes Balears. The main objective of the Symposium is to present recent scientific advances in the field of Neurosciences of the research groups of our community in order to be a scientific forum for participation of local, national and international, researchers. The active participation of young researchers at early/middle stages of their professional career, including talks and posters, is our priority. On this occasion the symposium will be held in June 2026 at the headquarters of the Institut d'Estudis Catalans (C/Carme 47, Barcelona), historical building of the first Hospital of the city of Barcelona. The participation of researchers in the last five editions are as follows:

XIII Simposi de Neurobiologia 2024: Cellular complexity in brain function and dysfunction. 279 participants. 4 Plenary lectures, 8 oral sessions (4 sessions/day). Oral presentations: 49. Number of posters: 92

XII Simposi de Neurobiologia 2022: Towards Translational Medicine. 205 participants. 4 Plenary lectures, 7 oral sessions (4 sessions/day). Oral presentations: 42. Number of posters: 67

XI Simposi de Neurobiologia 2018: Future Technical Challenges. 192 participants. 4 Plenary lectures, 7 oral sessions (4 sessions/day). Oral presentations: 45. Number of posters: 64

X Simposi de Neurobiologia 2016: 240 participants. 4 Plenary lectures, 8 oral sessions (4 sessions/day). Oral presentations: 53. Number of posters: 85

IX Simposi de Neurobiologia 2014: 220 participants, 4 Plenary lectures, 8 oral sessions

This year's symposium aims to be a space to think beyond traditional boundaries and imagine new ways to explore the human brain. At a time when science is advancing at a dizzying pace, we propose a meeting that fosters the connection between disciplines in order to generate innovative ideas and integrative approaches to better understand the brain. Beyond the boundaries of each field, we seek to build a shared vision on the future of neuroscience research.

The scientific program and oral communications are in English. The scientific program is organized in 4 plenary lectures (1 hour each) with invited senior international and national researchers, and in 8 parallel sessions (2 simultaneous sessions in the morning and 2 in the afternoon) of short talks starting with an invited tenure-track researcher (30 min each) followed by 5 short talks (15min each) by junior postdoctoral and/or predoctoral researchers. Poster presentations are held on both days during morning/afternoon coffee and lunch breaks.



PLENARY LECTURES:

Juan Pedro Bolaños, Institute of Functional Biology and Genomics-CSIC, University of Salamanca CIBERFES (Spain)

Jaime de la Rocha, Institut d'Investigacions Biomèdiques August Pi i Sunyer – IDIBAPS (Spain)

Joan X. Comella Carnicé, de la Universitat Autònoma de Barcelona (UAB) i l'Institut de Recerca de Sant Joan de Déu (IRSJD), Winner of the 7th Ramón Turró Award

FEATURED SPEAKERS:

Session 1A. **Neuroimmunology**. Featured Speaker: *Marianna Spatola*, IDIBAPS

Session 1B. **Rare diseases**. Featured Speaker: *Laura Cutando*, Institut de Neurociències, UAB

Session 2A. **Neurodegenerative diseases**. Featured Speaker: *Arnaldo Parra*, Institut de Neurociències, UAB, CIBERNED

Session 2B. **Cognition and mental health**. Featured Speaker: *Albert Giralt*, Institut de Neurociències, IDIBAPS, Creatio, UB, CIBERNED

Session 3A. **Neural communication and plasticity**. Featured Speaker: *Fran Murcia*, IDIBELL

Session 3B. **Brain-Body disease mechanisms**. Featured Speaker: *Anna Castells-Nobau*, IDIBGI

Session 4A. **Systems neurobiology**. Featured Speaker: *Manuel Valero*, Institut de Recerca Hospital del Mar

Session 4B. **Neurodevelopment**. Featured Speaker: *Laura Modol*, Institut de Recerca Hospital del Mar

ORAL AND POSTER PRESENTATIONS:

Session 1A. **Neuroimmunology**.

Session 1B. **Rare diseases**.

Session 2A. **Neurodegenerative diseases**.

Session 2B. **Cognition and mental health**.

Session 3A. **Neural communication and plasticity**.

Session 3B. **Brain-Body disease mechanisms**.

Session 4A. **Systems neurobiology**.

Session 4B. **Neurodevelopment**.

ORGANIZING COMMITTEE:

Ariadna Laguna (Coordinator), Vall d'Hebron Institut de Recerca (VHIR), CIBERNED

Xavier Altafaj, Institut de Neurociències, Universitat de Barcelona, IDIBAPS

Arnau Busquets, Institut de Recerca Hospital del Mar

Montse Solé, Institut de Neurociències, Universitat Autònoma de Barcelona, CIBERNED

SCIENTIFIC

PROGRAM

Day 1

Day 2

8.30-9 h	Registration		
9 h	Welcome presentation Room: Prat de la Riba		
9.15-11 h	Session 1A Oral Neuroimmunology Featured speaker: Marianna Spatola Selected Oral Communications Room: Prat de la Riba Session 1B Oral Rare diseases Featured speaker: Laura Cutando Selected Oral Communications Room: Pere i Joan Coromines	9.15-11 h	Session 3A Oral Neural communication and plasticity Featured speaker: Fran Murcia Selected Oral Communications Room: Prat de la Riba Session 3B Oral Brain-Body communication mechanisms Featured speaker: Anna Castells-Nobau Selected Oral Communications Room: Pere i Joan Coromines
11-12.00 h	Coffee and poster session	11-12.00h	Coffee and poster session
12.00-13.00 h	Plenary Lecture 1 Juan Pedro Bolaños, Institute of Functional Biology and Genomics-CSIC, University of Salamanca CIBERFES (Spain) Room: Prat de la Riba	12.00-13.00 h	Plenary Lecture 3 Jaime de la Rocha, Institut d'Investigacions Biomèdiques August Pi i Sunyer – IDIBAPS (Spain) Room: Prat de la Riba
13.00-15 h	Lunch and poster session	13.00-15h	Lunch and poster session
15-16.45	Session 2A Oral Neurodegenerative diseases Featured speaker: Arnaldo Parra Selected Oral Communications Room: Prat de la Riba Session 2B Oral Cognition and mental health Featured speaker: Albert Giralt Selected Oral Communications Room: Pere i Joan Coromines	15-16.45 h	Session 4A Oral Systems neurobiology Featured speaker: Manuel Valero Selected Oral Communications Room: Prat de la Riba Session 4B Oral Neurodevelopment Featured speaker: Laura Modol Selected Oral Communications Room: Pere i Joan Coromines
16.45-17.45 h	Plenary Lecture 2 Joan X. Comella Carnicé 7th Ramon Turró Award Conference Ramon Turró Winner Room: Prat de la Riba	16.45-17.45 h	Plenary Lecture 4 To be confirmed Room: Prat de la Riba
17.45-19:30 h	Drinks and poster session	17.45-18 h	Awards Closing remarks
		18-20.00 h	CLOSING PARTY

Plenary Lectures : 50 min talk + 10 min questions

Featured Speakers : 20 min talk + 5 min questions

Selected Oral Communications : 10 min talk + 5 min questions