

**\*Professors de la UB que poden actuar com a Tutors de Tesi**

**\*Professors from the UB who can act as Thesis Tutors**

### **Bipolar disorder**

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\*Eduard Vieta

<http://www.neurociencies.ub.edu/bipolar-disorder/>

### **Brain plasticity and connectivity: language, memory and reward**

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Ruth de Diego-Balaguer

\*Lluís Fuentemilla

\*Josep Marco-Pallarès

\*Ferran Pons

Antonio Rodríguez-Fornells,

<http://www.neurociencies.ub.edu/brain-plasticity-and-connectivity-language-memory-and-reward/>

### **Cell biology of neurodegeneration**

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<http://www.neurociencies.ub.edu/cell-biology-of-neurodegeneration/>

### **Cellular and molecular basis of sensory disorders**

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\*Alejandro Barrallo-Gimeno

\*Jordi Llorens

\*Ana Mendez

<http://www.neurociencies.ub.edu/cellular-and-molecular-basis-of-sensory-disorders/>

### **Cerebral ischemia**

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Anna Maria Planas

<https://www.iibb.csic.es/ca/team/123>

### **Cellular neurobiology**

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Carme Sola, \*Josep Saura

<https://www.iibb.csic.es/ca/research/52>

### **Developmental neurobiology and regeneration**

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\*Marta Pascual

\*Eduardo Soriano

<http://www.neurociencies.ub.edu/developmental-neurobiology-and-regeneration/>

### **Environmental Risk factors related to mental disorders and the GxExD interaction Model**

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\*Lourdes Fañanas Saura

\*Araceli Rosa de la Cruz

<http://www.ub.edu/ibub/research-group/environmental-risk-factors-related-to-mental-disorders-and-the-gxexd-interaction-model/>

### **Fetal and perinatal medicine**

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\*Eduard Gratacós Solsona <https://www.clinicbarcelona.org/ca/professionals/eduard-gratacos>

## **Genetics and genomics of neural wiring**

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\*Marta Morey <http://www.ub.edu/developmentalbiology/web/>

## **Mechanisms of synaptic transmission**

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\*Juan Blasi

\*Artur Llobet

Francisco José López-Murcia

<http://www.neurociencias.ub.edu/mechanisms-of-synaptic-transmission/>

## **Mechanistic and therapeutic approaches in neurodegenerative disorders**

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\*Cristina Malagelada

\*Eulàlia Martí

Hugo Peluffo

\*Esther Pérez Navarro

<http://www.neurociencias.ub.edu/mechanistic-and-therapeutic-approaches-in-neurodegenerative-disorders/>

<https://www.malagelada-lab.eu/>

## **Molecular and cellular neurobiotechnology**

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<http://www.neurociencias.ub.edu/molecular-and-cellular-neurobiotechnology/>

## **Molecular bases of rare brain diseases and channelopathies**

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Ekaitz Errasti-Murugarren

Tania López Hernández

<http://www.neurociencias.ub.edu/molecular-bases-of-rare-brain-diseases-and-channelopathies/>

## **Molecular and cellular basis of neurodegenerative diseases**

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\*Antonella Consiglio

<https://consigliolaboratory.com/testimonial/antonella-consiglio/>

## **Molecular mechanisms of neurodegeneration**

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Ramon Trullàs

<https://www.iibb.csic.es/ca/team/149>

## **Molecular Neurobiology**

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<https://www.ub.edu/portal/web/dp-bioquimica-biomedicina/nbm>

## **Molecular Neuropharmacology**

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<https://www.iibb.csic.es/ca/research/55>

\*Estefania Moreno <https://www.ub.edu/portal/web/dp-bioquimica-biomedicina/nfm>

## **Molecular physiology**

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\*Antonio Felipe <https://webgrec.ub.edu/webpages/000011/cas/afelipe.ub.edu.html>

### **Nanoprobes and Nanoswitches**

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<https://ibecbarcelona.eu/nanoprobes>

### **Neurobiology and Genetics of Psychotic Disorders**

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Mar Fatjó-Vilas Mestre

<https://fidmag.org/ca/recerca/investigadors/mar-fatjo-vilas.html>

### **Neurodevelopmental disorders**

Sandra Acosta

\*Soledad Alcántara

Alberto Ortega

<http://www.neurociencias.ub.edu/neurodevelopmental-disorders/>

### **Neuroimaging in degenerative disorders**

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### **Neurometabolic diseases**

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Aurora Pujol

<https://idibell.cat/recerca/area-de-neurociencias/programa-de-neurociencias/malalties-neurometaboliques/>

### **Neuronal network dysfunction in neurological and psychiatric disorders**

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\*Albert Giralt

\*Mercè Masana

\*Manuel Rodríguez

<http://www.neurociencias.ub.edu/neuronal-network-dysfunction-in-neurological-and-psychiatric-disorders/>

### **Neuropharmacology, neuroepigenetics, neurodegeneration and ageing**

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\*Gemma Navarro

Ana Guerrero Lopez

\*Merce Pallàs

\*Carme Pelegrí

\*Jordi Vilaplana

<http://www.neurociencias.ub.edu/neuropharmacology-neuroepigenetics-neurodegeneration-and-ageing/>

### **Neuropharmacology and pain**

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\*Ester AsO

Jordi Bonaventura

\*Francisco Ciruela

\*Victor Fernandez-Dueñas

<http://www.neurociencias.ub.edu/neuropharmacology-and-pain/>

## **Neurophysiology**

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Gerard Callejo  
\*Nuria Comes  
\*Xavier Gasull  
Mercè Izquierdo  
Mar Puigdemívol  
\*David Soto

<http://www.neurociencies.ub.edu/neurophysiology/>

## **Neurophysiology and computing in cortical systems**

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Albert Compte <https://braincircuitsbehavior.org/people-posts/albert-compte>  
Maria V. Sanchez-Vives <https://www.clinicbarcelona.org/profesionales/mavi-sanchez-vives>

## **Pharmacological strategies for neuroprotection**

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\*Antoni Camins

<http://www.neurociencies.ub.edu/pharmacological-strategies-for-neuroprotection/>

## **Pathogenesis of immune mediated neuronal disorders**

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Lidia Sabater

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## **Quantitative psychology**

\*Joan Guardia-Olmos

<http://www.neurociencies.ub.edu/quantitative-psychology/>

## **Reproductive and developmental toxicity**

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\*Marta Barenys Espadaler

<https://webgrec.ub.edu/webpages/000003/cat/mbarenys.ub.edu.html>

## **Schizophrenia**

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\*Miguel Bernardo <http://www.neurociencies.ub.edu/schizofrenia/>

Belen Ramos <https://www.irsjd.org/ca/equip-huma/88/belen-ramos-josemaria>

## **Stem cells and neurodevelopment**

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\*Josep M. Canals

Daniel del Toro

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<http://www.neurociencies.ub.edu/stem-cells-and-neurodevelopment/>

## **Systems neuropharmacology**

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Analia Bortolozzi <https://www.iibb.csic.es/ca/team/71>

## **The auditory, motor, emotional and numerical brain**

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\*Carles Escera

Judith Domínguez-Borràs

María Isabel Nunez-Peña

\*Iria SanMiguel

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<http://www.neurociencias.ub.edu/the-auditory-motor-emotional-and-numerical-brain/>

**Vision and control of action**

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\*Joan Lopez-Moliner

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<http://www.neurociencias.ub.edu/vision-and-control-of-action/>