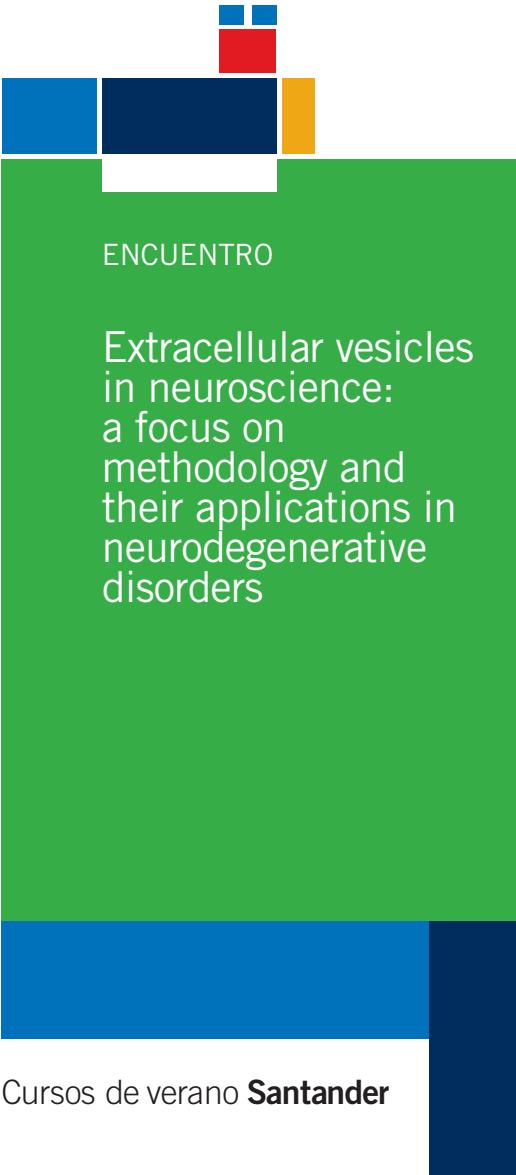


24

1 y 2 de agosto

ENCUENTRO

Extracellular vesicles
in neuroscience:
a focus on
methodology and
their applications in
neurodegenerative
disorders



Cursos de verano Santander

Horario y dirección de contacto

Mañana de L a V: 9.00 a 14.00 h

Santander

Campus de Las Llamas
Avda. de los Castros, 42
39005 Santander
Tlf.: 942 29 87 00

Madrid

C/ de Isaac Peral, 23
28040 Madrid
Tlf.: 91 592 06 31 / 33

A partir del 17 de junio

Mañana de L a V: 9.00 a 14.00 h

Tarde de L a J: 15.30 a 18.00 h

Santander

Palacio de la Magdalena
39005 Santander
Tlf.: 942 29 88 00

alumnos@uimp.es
www.uimp.es

Patrocinio

Ministerio de Ciencia e Innovación-RED2022-134774-T
Red glial española

Colaboración



Este curso es susceptible de ser reconocido como formación permanente del profesorado para el personal docente de los centros que imparten las enseñanzas reguladas en la Ley Orgánica 2/2006, de Educación, en base al artículo 21 y 29 de la Orden EDU/2886/2011, de 20 de octubre, por la que se regula la convocatoria, reconocimiento, certificación y registro de las actividades de formación permanente del profesorado.

Código 65QO - ECTS: 1

Dirección

Jimena Baleriola

Achucarro Basque Center for Neuroscience Fundazioa

Rocío Pérez González

Instituto de Investigación Sanitaria y Biomédica de Alicante

Secretaría

Juan Manuel Falcón

CICbioGUNE, Basque Country, Spain

In recent years, extracellular vesicles have emerged as key mediators of cell-to-cell communication in the central nervous system. Furthermore, due to their ability to cross the blood brain barrier they can reach the periphery and serve as a source of biomarkers in neurodegenerative diseases to facilitate diagnosis, prognosis and assessment of interventions targeting the brain.

The purpose of the course: 1- Provide students, clinicians, academics and researchers with updated knowledge on extracellular vesicles in the central nervous system, 2- Review the roles of extracellular vesicles in neurodegenerative disorders as well as their translational/clinical applications 3- Encourage interactions among researchers and clinicians and promote collaborations

The course is aimed at Graduate students (Master Thesis and PhD students), Lecturers and senior researchers and Clinicians and health workers (Medical doctors; surgeons; Physicians; Nurses; Technicians).

Apertura matrícula

Desde el día 8 de abril de 2024
(plazas limitadas)

Solicitud
online





Thursday 1

09.45 h Welcome ceremony

Session 1: Neuronal and non-neuronal EVs in neuronal function

10.00 h Role of neuronal EVs in controlling neuronal functions

Cristina Malagelada

Universitat de Barcelona, Catalunya, Spain

10.30 h Proteomic characterization of astroglial EVs and their effect on neurons

Jimena Baleriola

Achucarro Basque Center for Neuroscience, Basque Country, Spain

Session 2: Roles of EVs in models of neurodegeneration

11.30 h The Role of Extracellular Vesicles in the A β aggregation: the relevance of the isolation method

Andreu Matamoros

University Medical Center Hamburg-Eppendorf, Hamburg, Germany

12.00 h Characterization of EVs in aging and neurodegenerative diseases

Valle Palomo

IMDEA Nanociencia, Madrid, Spain

12.30 h Vesicular miRNA characterization from skeletal muscle cells in ALS

Sonia Alonso-Martín

Biogipuzkoa, Basque Country, Spain

13.00 h EVs in metabolism of Alzheimer's disease

Juan Manuel Falcón

CICbioGUNE, Basque Country, Spain

15.40 h Round table and Q&A (all speakers)



Friday 2

Session 1: EVs for biomarker discovery

09.30 h EVs as a source of biomarkers in neurodegenerative disorders

Rocío Pérez-González

ISABIAL, Alicante, Spain

10.00 h Small RNAs in plasma extracellular vesicles as biomarkers in neurodegenerative diseases.

Ana Gamez Valero

Universitat de Barcelona, Catalunya, Spain

Session 2: Workshop: Isolation of EVs from brain tissues and biofluids: tips and tricks

11.00 h Multiple speakers

13.00 h Concluding remarks and closing ceremony



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Universidad Internacional Menéndez Pelayo

