

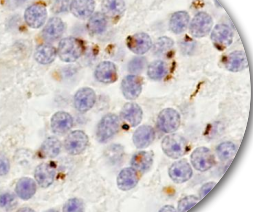


NEURO
2020/22

GLOBAL SUMMIT ON NEURODEGENERATIVE DISEASES NEURO 2020/22

Salamanca, June 21-24, 2022





GLOBAL SUMMIT
ON NEURODEGENERATIVE DISEASES
NEURO 2020/22
TUESDAY, June 21, 2022



SCIENTIFIC PROGRAM

 PARANINFO DE LA UNIVERSIDAD SALAMANCA

11.00

REGISTRATION

 PARANINFO DE LA UNIVERSIDAD SALAMANCA

12.00 – 12.30

OFFICIAL OPENING

 PARANINFO DE LA UNIVERSIDAD SALAMANCA

12.30 – 13.30

KEYNOTE LECTURE

Introduced by: Rafael Fernández-Chacón

Towards an understanding of Alzheimer's disease as a synaptic disorder

Thomas Sudhof, Stanford University, 2013 Nobel Laureate in Physiology or Medicine

 PARANINFO DE LA UNIVERSIDAD SALAMANCA



13.30 – 15.00

LUNCH

 PARANINFO DE LA UNIVERSIDAD SALAMANCA

15.00 – 16.30

SCIENTIFIC SESSION I

Chairperson: Carmen Paradas

The Pathway to Precision Medicine in Amyotrophic Lateral Sclerosis

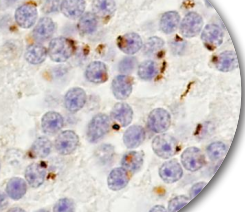
Orla Hardiman, Trinity College Dublin

The road to more effective treatment for amyotrophic lateral sclerosis

Leonard Van den Berg, Universiteit Utrecht

Retinoic acid receptor signaling in neuropathic pain

Lu Chen, Stanford University



GLOBAL SUMMIT
ON NEURODEGENERATIVE DISEASES
NEURO 2020/22

TUESDAY, June 21, 2022



SCIENTIFIC PROGRAM

 PARANINFO DE LA UNIVERSIDAD SALAMANCA



16.30 – 17.00
COFFEE BREAK

 PARANINFO DE LA UNIVERSIDAD SALAMANCA

17.00 – 18.30

SCIENTIFIC SESSION II

Chairperson: Adolfo López de Munain

Homeostatic reprogramming of neurons upon presynaptic dysfunction

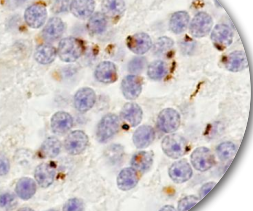
Rafael Fernández Chacón, Instituto de Biomedicina de Sevilla-IBIS, CIBERNED

Intrinsic muscle dysfunction in Amyotrophic Lateral Sclerosis

Sonia Alonso, Biodonostia Health Research Institute, CIBERNED

Metabolic shapes of brain cells and functional consequences

Juan P. Bolaños, Instituto de Biología Funcional y Genómica. Universidad de Salamanca. CIBERFES



GLOBAL SUMMIT
ON NEURODEGENERATIVE DISEASES
NEURO 2020/22

WEDNESDAY, June 22, 2022



SCIENTIFIC PROGRAM

 AUDITORIO FONSECA

09.30 – 11.00

SCIENTIFIC SESSION III

Chairperson: Isabel Fariñas

Mechanisms, mouse models and drug development: A cancer researchers' approach to ALS

Oscar Fernández-Capetillo, Centro Nacional de Investigaciones Oncológicas-CNIO

The p53 Arg72Pro polymorphism determines cognitive decline progression in AD

Angeles Almeida, Instituto de Investigación Biomédica de Salamanca-IBSAL

Altered RNA processing in Huntington's disease

José J. Lucas, Centro de Biología Molecular "Severo Ochoa", CIBERNED

 COLEGIO Y HOSPEDERÍA ARZOBISPO FONSECA



11.00 – 11.30

COFFEE BREAK

 AUDITORIO FONSECA

11.30 – 13.30

SCIENTIFIC SESSION IV

Chairperson: José J. Lucas

Disease modification in early Parkinson disease

Eduardo Tolosa, Hospital Clínic-IDIBAPS, CIBERNED

Autoimmunity in Parkinson's Disease

David Sulzer, Columbia University, New York

Diagnosing Parkinson's Disease- from the street to the Bench

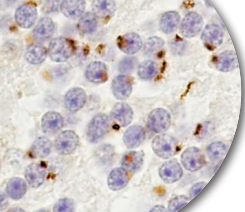
Werner Poewe, Universität Innsbruck

 COLEGIO Y HOSPEDERÍA ARZOBISPO FONSECA



13.30 – 15.00

LUNCH & POSTERS



GLOBAL SUMMIT
ON NEURODEGENERATIVE DISEASES
NEURO 2020/22

WEDNESDAY, June 22, 2022



SCIENTIFIC PROGRAM

 AUDITORIO FONSECA

15.00 – 16.30

SCIENTIFIC SESSION V

Chairperson: José Obeso

Mitochondrial dysfunction and compartmentalized alterations of nigrostriatal dopaminergic neurons in Parkinson disease

José López Barneo, Instituto de Biomedicina de Sevilla-IBIS, CIBERNED

Movement and reward modulation in Substantia Nigra pars compacta dopaminergic neurons

Marcelo Mendonça, Fundação Champalimaud, Lisboa

Treatment of Cognitive and Neuropsychiatric impairment in Parkinson's disease: An unmet need and a methodological challenge

Jaime Kulisevsky, Institut de Recerca Hospital de la Santa Creu i Sant Pau, CIBERNED

 COLEGIO Y HOSPEDERÍA ARZOBISPO FONSECA



16.30 – 17.00

COFFEE BREAK

 AUDITORIO FONSECA

17.00 – 18.30

SCIENTIFIC SESSION VI

Chairperson: TBA

Cerebrospinal fluid and blood based biomarker- recent advances in neurodegenerative diseases

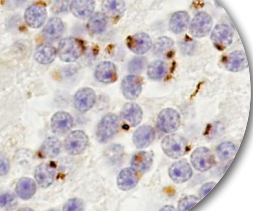
Inga Zerr, DZNE, Georg August Universität Göttingen

Molecular targets for Ventriculomegaly and Neurodegeneration

Teresa Iglesias, Instituto de Investigaciones Biomédicas, "Alberto Sols" CSIC-UAM, CIBERNED

Action suppression reveals opponent parallel control of behavior via basal ganglia circuits

Joe Paton, Fundação Champalimaud, Lisboa



GLOBAL SUMMIT
ON NEURODEGENERATIVE DISEASES
NEURO 2020/22

THURSDAY, June 23, 2022



SCIENTIFIC PROGRAM

 AUDITORIO FONSECA

09.30 – 11.00

SCIENTIFIC SESSION VII

Chairperson: Teresa Iglesias

FLASH TALKS

Poster n.º 2

Microglia in the presynaptic dysfunction and neurodegeneration in mice lacking the synaptic co-chaperone CSP α /DNAJC5

Nozha Borjini, Instituto de Biomedicina de Sevilla-IBIS, CIBERNED

Poster n.º 20

Redox, mitochondrial and NRF2 imbalance are present in C9orf72-related amyotrophic lateral sclerosis

José Jiménez-Villegas, Instituto de Investigaciones Biomédicas “Alberto Sols” CSIC-UAM, CIBERNED

Poster n.º 10

Circular RNAs as blood-based biomarkers of ALS

Leticia Moreno-García, Universidad de Zaragoza, CIBERNED

Poster n.º 21

Blaming neuromelanin for Parkinson’s disease: time-dependent tyrosinase overexpression drives endogenous synucleinopathy in nonhuman primates

José Luis Lanciego, CIMA-Universidad de Navarra, CIBERNED

Poster n.º 35

A hippocampal-anterior thalamic circuit associated with learning rate in ageing

Marta Garo-Pascual, Fundación CIEN

Poster n.º 39

Neuropathological variability in Alzheimer’s disease. in search of distinct phenotypes of tau pathology

Iván Burgueño, Fundación CIEN

Poster n.º 41

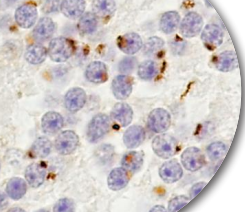
FAIM-L as a modulator of Tau pathology in Alzheimer’s disease and other tauopathies

Montse Solé, Institut de Recerca Vall d’Hebron-UAB, CIBERNED

Poster n.º 60

CSF Apolipoprotein E characterization in Alzheimer’s disease

Inmaculada Cuchillo-Ibáñez, Instituto de Neurociencias, UMH-CSIC, CIBERNED



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THURSDAY, June 23, 2022



SCIENTIFIC PROGRAM



📍 COLEGIO Y HOSPEDERÍA ARZOBISPO FONSECA

11.00 – 11.30
COFFEE BREAK



AUDITORIO FONSECA

11.30 – 13.30

SCIENTIFIC SESSION VIII

Chairperson: Alberto Lleó

Cryo-EM structures of amyloid filaments from human brain

Michel Goedert, MRC Laboratory of Molecular Biology, Cambridge

A Tangle of Tau Pathways Operate within Cellular Systems

Kenneth S. Kosik, University of California at Santa Barbara

Tau therapeutic strategies

Luc Buée, Inserm, CHR, Université de Lille



COLEGIO Y HOSPEDERÍA ARZOBISPO FONSECA



13.30 – 15.00
LUNCH & POSTERS



AUDITORIO FONSECA

15.00 – 16.30

SCIENTIFIC SESSION IX

Chairperson: Eva Carro

In search of a cure for Alzheimer disease

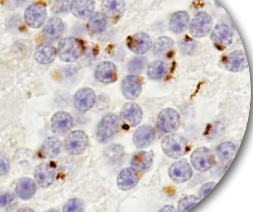
George Perry, University of Texas at San Antonio

J20/VLW mice as a novel model of cognitive resilience to Alzheimer's disease

Marta Pascual, Universitat of Barcelona, CIBERNED

Superaging in Vallecas: Resistance to age-related memory decline

Bryan Strange, Fundación CIEN



GLOBAL SUMMIT
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NEURO 2020/22

THURSDAY, June 23, 2022



SCIENTIFIC PROGRAM

 **COLEGIO Y HOSPEDERÍA ARZOBISPO FONSECA**
 **16.30 – 17.00**
COFFEE BREAK

 **AUDITORIO FONSECA**
17.00 – 18.30
SCIENTIFIC SESSION X

Chairperson: Pascual Sánchez Juan

Frontotemporal Dementia: Diagnosis to Treatment

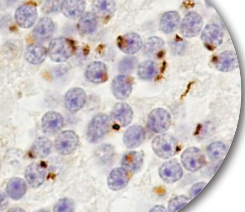
Bruce Miller, University of California at San Francisco

Autosomal dominantly inherited dementias: from genetic counselling to early intervention

Raquel Sánchez-Valle, Hospital Clínic-IDIBAPS

Early pathophysiological alterations in Alzheimer's disease: insights from the ALFA cohort

Juan Domingo Gispert López, Barcelonabeta Brain Research Center (BBRC)



GLOBAL SUMMIT
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NEURO 2020/22

FRIDAY, June 24, 2022



SCIENTIFIC PROGRAM

 AUDITORIO FONSECA

09.30 – 11.30

SCIENTIFIC SESSION XI

Chairperson: Teresa Iglesias / Miguel Medina / Adolfo López de Munain

Impact of neurodegenerative diseases on human adult hippocampal neurogenesis

Julia Terreros Roncal, Young Investigator Award. Centro de Biología Molecular “Severo Ochoa”

CSIC-UAM, CIBERNED

Clinicopathological heterogeneity in Alzheimer's disease: lessons from the Vallecas Alzheimer's Study

Alberto Rábano, Fundación CIEN

Plasma biomarkers in the Vallecas study. Bridging the gap on the road to the clinic

Pascual Sánchez-Juan, Fundación CIEN, CIBERNED

 COLEGIO Y HOSPEDERÍA ARZOBISPO FONSECA



11.30 – 12.00

COFFEE BREAK

 AUDITORIO FONSECA

12.00 – 14.00

SCIENTIFIC SESSION XII

Chairperson: Antonia Gutiérrez

Immune vigilance of adult neural stem cells

Isabel Fariñas, Universitat de Valencia, CIBERNED

Danger-associated responses in Alzheimer's disease brain: Alarmins and Chaperons

Ángel Cedazo-Minguez, Karolinska Institute

Adult hippocampal neurogenesis and neurodegenerative diseases

María Llorens-Martín, Centro de Biología Molecular “Severo Ochoa”- CSIC-UAM, CIBERNED

 AUDITORIO FONSECA

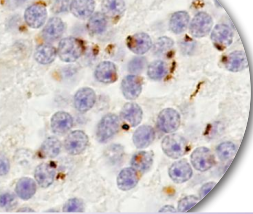
14.00 – 14.15

CONCLUDING REMARKS

 AUDITORIO FONSECA

14.15

END OF MEETING



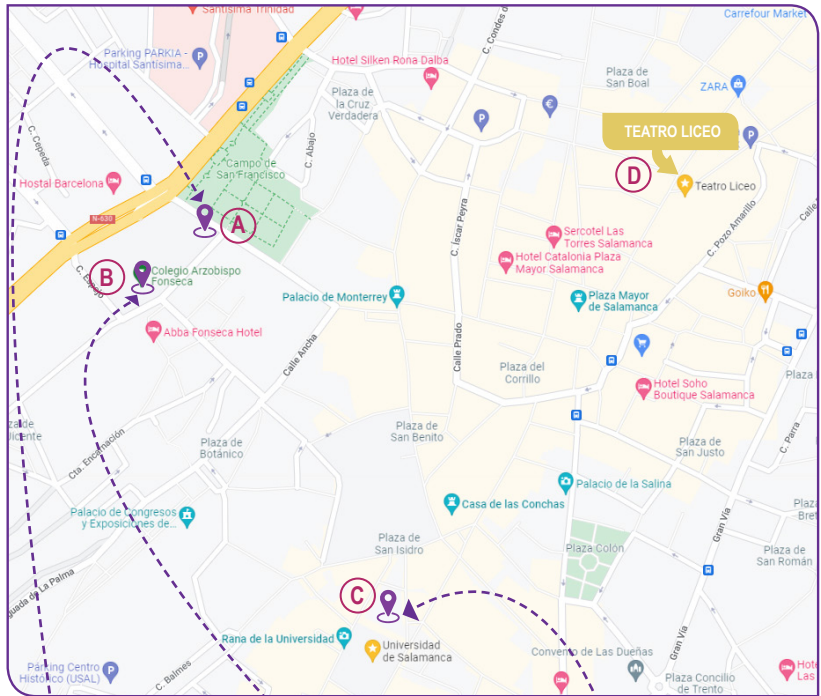
GLOBAL SUMMIT ON NEURODEGENERATIVE DISEASES NEURO 2020/22

Salamanca, June 21-24, 2022



GENERAL INFORMATION

- (A) AUDITORIO FONSECA**
C. Fonseca, 3
37002 Salamanca
- (B) COLEGIO Y HOSPEDERÍA
ARZOBISPO FONSECA**
C. Fonseca, 4
37002 - Salamanca
- (C) PARANINFO DE LA
UNIVERSIDAD DE
SALAMANCA**
C. Libreros, 11
37019 - Salamanca
- (D) TEATRO LICEO**
Plaza del Liceo, s/n
37008 - Salamanca



(A) Wednesday, 22nd
Thursday, 23rd
Friday, 24th

☒ Scientifics Sessions

AUDITORIO FONSECA



(B) Wednesday, 22nd
Thursday, 23rd
Friday, 24th

☒ Coffee Break
☒ Lunch and Posters

**COLEGIO Y HOSPEDERÍA
ARZOBISPO FONSECA**

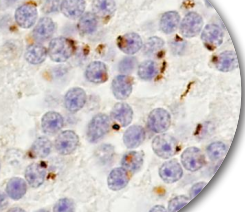


(C) Tuesday, 21st

☒ Official Opening
☒ Keynote Lecture
☒ Scientific Session I, II
☒ Lunch
☒ Coffee Break
☒ Scientific Program

**PARANINFO DE LA
UNIVERSIDAD SALAMANCA**





GLOBAL SUMMIT
ON NEURODEGENERATIVE DISEASES
NEURO 2020/22
Salamanca, June 21-24, 2022



GENERAL INFORMATION

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COLLABORATE:



Ayuntamiento
de Salamanca



UNIVERSIDAD
DE SALAMANCA
CAMPUS DE EXCELENCIA INTERNACIONAL



COVER PICTURE:

Título:

Inclusiones neuronales p62+ en el cerebelo en un paciente con degeneración lobar frontotemporal TDP y mutación en C9orf72.

Title:

Neuronal p62+ inclusions in the cerebellum of a patient with frontotemporal lobar degeneration TDP and C9orf72 mutation.

Autor:

Dr. Alberto Rábano (Biobanco Fundación CIEN)

