

The Teófilo Hernando's International Summer School of Pharmacology of the Universidad Internacional Menéndez Pelayo (UIMP) took this name to honour the memory of Professor Teófilo Hernando who, at the beginning of the XX century, introduced pharmacology as an academic subject and as a science at Spanish University. The School was started in 1996. Since then, 17 editions on different medical themes have been run.

Classically, the School is organised in 10 morning sessions in which renowned international scientists participate as speakers. In the afternoon sessions, 24 young researchers present short communications followed by ample discussions, on their predoctoral or postdoctoral work.

This 18th edition focuses on biomarkers and early pathogenic feature of Alzheimer's disease, that may improve more successful outcomes in clinical trials and the potential of novel medicines to delay the appearance of phenotypic symptoms and disease progression.

The enormous burden of Alzheimer's disease to society is growing due to population ageing and the lack of preventive or therapeutic strategies to delay disease progression. Thus, we expect that deep analysis of frontier knowledge and live debates, two characteristics of this School, will shed light on early pathogenic mechanisms and improve the therapeutic perspectives to mitigate such burden to patients and their families.

www.uimp.es



INFORMACIÓN GENERAL

Hasta el 14 de junio de 2019

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A partir del 17 de junio de 2019

Santander
Palacio de la Magdalena
39005 Santander
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PLAZOS Solicitud de becas

Hasta el día 27 de mayo,
para los cursos que comiencen
antes del 5 de julio de 2019

Hasta el día 14 de junio,
para los cursos que comiencen a
partir del 8 de julio de 2019

Apertura de matrícula

Desde el 6 de mayo de 2019
(plazas limitadas)

Horario general

de 9:00 a 14:00 h. de 16:00 a
18:00 h (excepto viernes)

Código 64AT / Tarifa: C / ECTS: 1

Colaboración:



UIMP

Universidad Internacional
Menéndez Pelayo

SANTANDER 2019



XVIII TEÓFILO
HERNANDO'S
INTERNATIONAL
SCHOOL OF
PHARMACOLOGY

Frontier Biomarkers
and Drug Discovery
for the Early
Diagnosis and
Treatment of
Alzheimer's Disease

Antonio G. García
Michael Duchén
Tobias Engel

July 1-5

www.uimp.es



700-19-002-3

XVIII TEÓFILO HERNANDO ´S INTERNATIONAL SCHOOL OF PHARMACOLOGY

Frontier Biomarkers and Drug Discovery for the Early Diagnosis and Treatment of Alzheimer's Disease

Directors

[Antonio G. García](#)

Instituto Fundación Teófilo Hernando de I+D del Medicamento, (IFTH)
Universidad Autónoma de Madrid, Spain

[Michael Duchen](#)

University College London, UK

[Tobias Engel](#)

Royal College of Surgeons in Ireland, Dublin, Ireland

Secretary

[Luis Gandía Juan](#)

Instituto / Fundación Teófilo Hernando de I+D del Medicamento (IFTH)
Universidad Autónoma de Madrid, Spain

July 1-5 Monday 1

10:00 h | School inauguration by directors and UIMP academy authority

10:30 h | Opening lecture. Alzheimer's disease: a personal view on early diagnosis and treatment

[John Hardy](#)

University College London, UK

12:00 h | Down's syndrome and Alzheimer's disease

[Juan Fortea](#)

Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

15:00 h | Young researcher Presentations (YRP-1)

Coordinator

[Luis Gandía Juan](#)

Tuesday 2

10:00 h | Mitochondria and Alzheimer's disease

[Michael Duchen](#)

12:00 h | Can transcranial infrared brain stimulation delay Alzheimer's onset?

[Jack de la Torre](#)

University of Texas, Austin, USA

15:00 h | Young researcher Presentations (YRP-2)

Coordinator

[Luis Gandía Juan](#)

Wednesday 3

10:00 h | Targets and clinical trials in Alzheimer's disease

[Antonio G. García](#)

12:00 h | The P2X7 receptor: a neglected lead character in Alzheimer's disease

[Francesco di Virgilio](#)

University of Ferrara, Ferrara, Italy

15:00 h | Young researcher Presentations (YRP-3)

Coordinator

[Luis Gandía Juan](#)

Thursday 4

10:00 h | Predicting the future development of mild cognitive impairment and dementia in the cognitively healthy elderly

[Miguel Medina](#)

Deputy Scientific Director. CIBERNED, Spain

12:00 h | Circulating microRNAs as diagnostics for preclinical Alzheimer's disease

[Tobias Engel](#)

15:00 h | Young researcher Presentations (YRP-4)

Coordinator

[Luis Gandía Juan](#)

Friday 5

10:00 h | Drug discovery for Alzheimer's disease at the Instituto Fundación Teófilo Hernando, Universidad Autónoma de Madrid

[Manuela García López](#)

Instituto Fundación Teófilo Hernando

Universidad Autónoma de Madrid, Spain

11:30 h | Round Table: Perspectives in our understanding and treatment of Alzheimer's disease

[Antonio G. García](#) and professors of the School

13:00 h | Closing ceremony