Cursos
de verano
Santander
23

17 - 21
July

UIMP
Universidad
Internacional
Menéndez Pelayo

ENCUENTROS

XX International Pharmacology School "Teófilo Hernando"

Retina degeneration: Frontier therapies to prevent blindness

Biología
y Biomedicina

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

A partir del 19 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

IF TEÓFILO HERNANDO
I+D del Medicamento / Drug Discovery

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 65EN - ETCS: 2,5

Directors

Antonio G. García
Universidad Autónoma de Madrid, Spain
Nicolás Cuenca
Universidad de Alicante, Spain

Academic secretary:

Luis Gandía Juan
Universidad Autónoma de Madrid, Spain

Professor Teófilo Hernando was the pioneer of Spanish pharmacology. At the beginning of the XX Century, he introduced pharmacology as teaching and research subjects at the universities of Spain. To honor his memory we created the Instituto Fundación Teófilo Hernando for Drug Discovery, at Universidad Autónoma de Madrid, Madrid, Spain

This XX edition of the School deals with frontier advances in the prevention of blindness caused by various eye diseases leading to retina degeneration. This XX edition of the International Teófilo Hernando's School will enlighten young PhD and postdoctoral students, as well as graduate students in the area of diseases leading to retinal degeneration and blindness such as diabetes, glaucoma, retinitis pigmentosa or age-associated macular degeneration.

Frontier pharmacological neuroprotective treatments or advanced therapies will be central stage in the School. Additionally, PhD and postdoctoral students will have the opportunity of presenting their work to the class and professors. It is a tradition in this School that professors and students read a poem to the class dealing with their own culture. In doing so, humanities and science walk hand in hand, as in Renaissance times, 500 years ago. Hence, the School is a science and humanistic unique experience that reminds the foundation of UIMP by poets and scientists near 100 years ago.

Apertura matrícula
Desde el día 17 de abril de 2023
(plazas limitadas)

Solicitud
online

BB

Monday 17

10.00 h School inauguration
Antonio G. García
Nicolás Cuenca

10.30 h Lecture 1: Pathway-based target identification and drug discovery for retinal degeneration
Anand Swaroop
Neurobiology Neurodegeneration & Repair Laboratory, National Eye Institute. USA

12.00 h Lecture 2: Characterizing retinal disease mechanisms and gene therapy
Michel Cheetham
University College London, Uk

15.00 h Young Researcher Presentations (YRP-1)
Coordinator:
Luis Gandía

Tuesday 18

10.00 h Lecture 3: Stress and therapeutic strategies for retinal neurodegenerative diseases
Pedro Lax
Universidad de Alicante, Spain

12.00 h Lecture 4: Calcium signaling, cell death and pharmacological neuroprotection
Antonio G. García
Universidad Autónoma de Madrid and Fundación Teófilo Hernando, Madrid, Spain

15.00 h Young Researcher Presentations (YRP-2)
Coordinator:
Pedro Lax

Wednesday 19

10.00 h Lecture 5: Pathomechanisms of inherited retinal degeneration and perspectives for neuroprotection
Pedro de la Villa
Universidad de Alcalá de Henares, Spain

12.00 h Lecture 6: Retina as an early biomarker for Parkinson disease
Nicolás Cuenca

15.00 h Young Researcher Presentations (YRP-3)
Coordinator:
Luis Gandía

Thursday 20

10.00 h Lecture 7: Gene therapies for ocular disorders.
Arpad Palfi
School of Genetics and Microbiology Trinity College, Dublin, Ireland

11.00 h Lecture 2: Pathway-based target identification and drug discovery for retinal degeneration II
Anand Swaroop

12.00 h Lecture 8: Stem cells and neurogenesis in the retina
Muriel Perron
Paris-Saclay Institute of Neuroscience, Paris, France

15.00 h Young Researcher Presentations (YRP-4)
Coordinator:
Victoria Maneu
Universidad de Alicante

Friday 21

10.00 h Lecture 9: Role of autophagy in retinal diseases
Patricia Boya
University of Fribourg, Switzerland

11.30 h Lecture 10: Modulation of microRNA expression: a new therapeutic avenue for inherited retinal disease
Sandro Banfi
Department of Precision Medicine, University of Campania Luigi Vanvitelli, Italy

13.00 h Closing ceremony by directors, professors and students
Antonio G. García
Nicolás Cuenca

Universidad Internacional Menéndez Pelayo

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