

The International School of Pharmacology "Teófilo Hernando" 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, 16 editions on different medical themes have been run. This XVII edition is monographically dedicated to frontier therapeutic and biomarker discoveries in chronic diseases focusing on purinergic signalling.

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 17th edition focuses on early pathogenic features and therapeutic aspects of chronic diseases in particular brain diseases. The interest in early diagnosis and in finding a therapy that delays disease progression are central stage of this School.

The enormous burden of brain diseases to society is growing due to population ageing. Thus, we expect that deep analysis of frontier knowledge and live debates, two characteristics of this School, will shed light on pathogenic mechanisms and the therapeutic perspectives to mitigate such burden to patients and their families.

www.uimp.es

INFORMACIÓN GENERAL

→ Hasta el 15 de junio de 2018

Santander

Campus de Las Llamas
Avda. de los Castros, 42
39005 Santander
Tel. 942 29 87 00 / 942 29 87 10
informacion@sa.uimp.es

Madrid

C/ Isaac Peral, 23
28040 Madrid
Tel. 91 592 06 31 / 91 592 06 33
alumnos@uimp.es

Horario

de 9.00 a 14.00 h
de 16.00 a 18.00 h (excepto viernes)

PLAZOS

→ Plazo de solicitud de becas

Hasta el día 28 de mayo, para los cursos que comiencen antes del 6 de julio de 2018

Hasta el día 15 de junio, para los cursos que comiencen a partir del día 9 de julio de 2018



→ A partir del 18 de junio de 2018

Santander

Palacio de la Magdalena
39005 Santander
Tel. 942 29 88 00 / 942 29 88 10

Horario

de 9.00 a 14.00 h
de 16.00 a 18.00 h (excepto viernes)

→ Apertura de matrícula

Desde el 8 de mayo de 2018
(Plazas limitadas)

→ Código 63U8 | Tarifa: C | ECTS: 1

Collaborator



Portada basada en el original de Hugo Fontela para la UIMP, 2018

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UIMP Universidad Internacional
Menéndez Pelayo

Santander 2018

**XVII International School of Pharmacology
«Teófilo Hernando»**

July, 23-27



**Frontier Therapies in Brain Diseases: Focus on
Purinergic Signalling**

**Tobias Engel
Antonio G. García**

www.uimp.es

041-18-002-0

XVII INTERNATIONAL SCHOOL OF PHARMACOLOGY «TEÓFILO HERNANDO». Frontier Therapies in Brain Diseases: Focus on Purinergic Signalling

Director

[Tobias Engel](#)

Royal College of Surgeons in Ireland, Dublin, Ireland

[Antonio G. García](#)

Instituto Fundación Teófilo Hernando de I+D del Medicamento

Universidad Autónoma de Madrid, Madrid, Spain

Coordinator

[Luis Gandía](#)

Instituto Fundación Teófilo Hernando de I+D del Medicamento

Universidad Autónoma de Madrid, Madrid, Spain

July, 23-27, 2018

Monday, July 23

10.00 h | Inauguration by UIMP authorities and School directors

10.30 h | Opening lecture: Purinergic receptors: impact on brain diseases with specific focus on the ATP-gated P2X7 receptor

[María Teresa Miras Portugal](#)

Universidad Complutense de Madrid, Madrid, Spain

12.15 h | ATP-gated purine receptors as novel drug targets in epilepsy

[Tobias Engel](#)

15.00 h | Young Researcher Presentations (1) (PurinesDX project PhD students)

Moderación

[Luis Gandía](#)

Tuesday, July 24

10.00 h | Use of novel mouse models to study P2X7 localization and function

[Annette Nicke](#)

Ludwig-Maximilians-Universität München, Germany

12.00 h | Purinergic signalling in multiple sclerosis

[Carlos Matute Almagu](#)

Universidad del País Vasco, Leioa, Spain

15.00 h | Young Researcher Presentations (2) (PurinesDX project PhD students)

Moderación

[Luis Gandía](#)

Wednesday, July 25

10.00 h | Role of tissue nonspecific alkaline phosphatase in the CNS, relevance in physiological and pathological processes

[Miguel Díaz Hernández](#)

Universidad Complutense de Madrid, Madrid, Spain

12.00 h | P2X7 receptor as drug target in human sepsis

[Pablo Pelegrín](#)

Hospital Universitario Virgen de la Arrixaca, Murcia, Spain

15.00 h | Young Researcher Presentations (3)

Moderación

[Luis Gandía](#)

Thursday, July 26

10.00 h | ATP and purinergic receptors: new players in the tumor microenvironment

[Francesco di Virgilio](#)

University of Ferrara, Ferrara, Italy

12.00 h | Release, role and replenishment of the purines in the CNS

[Bruno Frenguelli](#)

University of Warwick, Warwick, UK

15.00 h | Round table: The art of publishing in high score journals

[Bruno Frenguelli](#)

15.30 h | Young Researcher Presentations (4)

Moderación

[Luis Gandía](#)

Friday, July 27

10.00 h | Calcium signaling, neuronal death and a dual neuroprotection strategy linked to P2X7 and NMDA receptors

[Antonio G. García](#)

11.30 h | P2X7R ligands for brain diseases from an industry point of view

[Marc Ceusters](#)

Janssen Pharmaceutica, Beerse, Belgium

12.45 h | Closing ceremony