The Teófilo Hernando’s School of Pharmacology (THSP) was initiated in 1996, in the frame of the summer courses of the UIMP. At that time, Rector José Luis García Delgado invited professor Antonio G. García (Autonomous University of Madrid) to organise this School. The courses are held at the magnificent Palace of la Magdalena, located on top of a hill at the Peninsula of La Magdalena.

The format of a UIMP’s School («Escuela») is based in the critical analysis in the frontier of knowledge of a given scientific topic, along a week (Monday to Friday) by scientists and students of all over the world. Emphasis is always made in drug discovery and development as well in basic research that illuminate on new biological drug targets for treating disease. The THSP was named after Teófilo Hernando, a Spanish M.D./Ph.D. pharmacologist who was trained under Oswald Schmiedeberg at Strassbourg, the first formal Pharmacology School where many pharmacologists were trained at the beginning of the XX century and then developed the subject of basic and clinical pharmacology all over the world. Teófilo Hernando introduced pharmacology as an independent teaching and science subject at the Central University of Madrid, along the first four decades of the XX century. He trained numerous other disciples that extended the subject to many other Spanish universities along the XX century.

Since 1996, 12 editions of the THSP have been held. Over 100 scientists and over 400 students have since then attended the THSP.

The subjects of the subsequent schools were as follows:

1. Drugs and their receptors (1996)
2. Drugs for the brain (1997)
4. Biotechnological drugs (2001)
7. Chronic inflammation and osteoarthritis (2008)
XIII International School of Pharmacology «Teófilo Hernando»
Frontier drug discovery in brain disease

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July 21-25, 2014

Monday 21
10:00 h | Inauguration
Antonio G. García
Michael Duchen

10:30 h. Quantitative systems pharmacology as a new translational tool for drug discovery in CNS diseases
Hugo Geerts
In-Silico Biosciences, Lexington, MA, USA

12:30 h. Young researcher communications (YRC- 1)

15:00 h. Nicotinic receptors as targets for CNS drug discovery
Luis Gandía Juan

16:00 h. Young researcher communications (YRC- 2)

Tuesday 22
10:00 h. Amyotrophic lateral sclerosis
Linda Greensmith
Institute of Neurology, University College London, UK

12:00 h. Young researcher communications (YRC- 3)

15:00 h. Chromaffin cells: an open window to the brain
Antonio G. García

16:00 h. Young researcher communications (YRC- 4)

Wednesday 23
10:00 h. Glia and neurotransmission at the CNS
Alfonso Araque
University of Minnesota, USA

12:30 h. Young researcher communications (YRC- 5)

15:00 h. Mitochondrial targets for drug development
Michael Duchen

16:00 h. Young researcher communications (YRC- 6)

Thursday 24
10:00 h. Ion channels and receptors as targets for CNS drug discovery
Ángel Pazos
Medical School, University of Cantabria, Spain

12:30 h. Young researcher communications (YRC- 7)

15:00 h. New formulations of atypical antipsychotics to improve adherence in schizophrenia
Fernando Cañas
Department of Psychiatry
Hospital Dr. Rodríguez Lafora, Madrid, Spain

16:00 h. Young researcher communications (YRC- 8)

Friday 25
10:00 h. Closing lecture: CNS drug discovery at Janssen
John A. Kemp
Senior Director Neuroscience Discovery and Development
Janssen, Beerse, Belgium

12:30 h. Closing ceremony
Antonio G. García
Michael Duchen