



# **Alpha-synuclein & Parkinson's disease Conference:**

## **Lessons from the past 20 years**

**Campus Clínic, Universitat de Barcelona**  
**May 11-12, 2017**

# PRESENTATION

Synucleinopathies are disorders characterized by the accumulation and spreading of the protein  $\alpha$ -synuclein in the nervous system. These disorders include a broad spectrum of diseases characterized by parkinsonism, dementia and dysautonomia such Parkinson's disease or multiple system atrophy.

In the framework of the 20-year anniversary of the discovery of the link between the  $\alpha$ -synuclein gene and familial Parkinson's disease, and of the presence of  $\alpha$ -synuclein aggregates as the neuropathological hallmark of the disease, the planned Conference in Barcelona aims to provide an update on essential aspects of the various synucleinopathies including genetics and neuropathology, with strong emphasis in latest basic science developments on normal and pathological  $\alpha$ -synuclein. The role of  $\alpha$ -synuclein as a biomarker and as a target for ongoing and novel therapeutic strategies will be reviewed.

The event will constitute a unique opportunity for the interaction of experts from different fields related to  $\alpha$ -synuclein and its pathology.

Dr. Eduard Tolosa

Dr. Miquel Vila

Dr. M<sup>a</sup> José Martí

Dr. Alicia Garrido (Conference Secretary)

**Organising Committee**

## ENDORSED BY:



International Parkinson and  
Movement Disorder Society



Societat Catalana  
de Neurologia



sociedad española de neurociencia



Societat Catalana de  
**BIOLOGIA**

# PROGRAM

## Thursday May 11, 2017

08:50 – 09:00 Welcome

### **Synucleinopathies: clinical and neuropathological aspects**

09:00 – 09:30 ***Lewy body-type synucleinopathies: clinical spectrum***

**W. Poewe**, Innsbruck

09:30 – 10:00 ***Lewy body-type synucleinopathies: neuropathological update***

**J. Holton**, London

10:00 – 10:30 ***Multiple system atrophy: a non-Lewy body synucleinopathy***

**W. Meissner**, Bordeaux

10:30 – 11:00 Discussion

**11:00 – 11:30 Coffee break/posters**

11:30 – 12:00 ***Prediagnostic stages of synucleinopathies***

**A. Iranzo**, Barcelona

12:00 – 12:20 Discussion

12:20 – 13:00 ***Historical perspective. The Contursi family: 20 years later***

**P. Barone**, Salerno

**13:00 – 14:00 Lunch/posters**



**Thursday May 11, 2017**

**Alpha-synuclein physiology and pathogenesis**

14:00 – 14:30 *Physiological and pathological role of  $\alpha$ -synuclein at the synapse*

**M.G. Spillantini**, Cambridge

14:30 – 15:00 *In vitro and in vivo modeling of synucleinopathies*

**R. Wade-Martins**, Oxford

15:00 – 15:30 *Structural & functional characterization of  $\alpha$ -synuclein strains*

**R. Melki**, Paris

15:30 – 16:00 Discussion

**16:00 – 16:30** Coffee break/posters

16:30 – 17:00 *Pathogenic spreading of  $\alpha$ -synuclein pathology*

**D.A. Di Monte**, Bonn

17:00 – 17:30 *Autophagy and  $\alpha$ -synuclein in synucleinopathies*

**L. Stefanis**, Athens

17:30 – 18:00 *Innate and adaptive immunity in synucleinopathies*

**D.G. Standaert**, Alabama

18:00 – 18:30 Discussion

**20:00** Dinner





## Friday May 12, 2017

### Diagnostic markers in early and prediagnostic synucleinopathies

- 09:00 – 09:30      ***$\alpha$ -synuclein and other wet biomarkers***  
                         **B. Mollenhauer**, Kassel
- 09:30 – 10:00     ***Structural imaging markers of synucleinopathies***  
                         **K. Seppi**, Innsbruck
- 10:00 – 10:30     ***Functional imaging markers of synucleinopathies***  
                         **N. Pavese**, London
- 10:30 – 11:00     Discussion
- 11:00 – 11:30**     **Coffee break/posters**
- 11:30 – 12:00     ***Michael J Fox Foundation Systemic Synuclein Sampling Study***  
                         **V. Arnedo**, The Michael J. Fox Foundation, New York
- 12:00 – 12:30     ***Special lectures: Genetics of synucleinopathies***  
                         **J. Hardy**, London

### Therapeutic aspects of synucleinopathies

- 12:30 – 14:00     Discussion with panelists.
- ***Therapeutic targeting of  $\alpha$ -synuclein.***  
                         **S. Przedborski**, New York
  - ***Clinical trials in prediagnostic PD: current challenges***  
                         **A.E. Schrag**, London
  - ***Implementation of early disease-modification therapies: an industry perspective***  
                         **J. Cedarbaum**, Biogen, Weston
- 14:00**             **Farewell**

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- 15:00 – 17:00**     **Postmeeting Workshop**  
                         ***Synucleinopathy challenges. An interactive neuropathology workshop***  
                         **Ellen Gelpí**, Neurological Tissue Bank, Barcelona
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## *Speakers' affiliations*

- *Arnedo, Vanessa.* Michael J Fox Foundation, New York
- *Barone, Paolo.* University of Salerno
- *Cedarbaum, Jesse.* Biogen, Weston
- *Di Monte, Donato A.* German Center for Neurodegenerative Diseases, Bonn
- *Gelpí, Ellen.* Neurological Tissue Bank-IDIBAPS, Barcelona
- *Hardy, John.* University College London-Institute of Neurology
- *Holton, Janice.* Queen Square Brain Bank, London
- *Iranzo, Álex.* Hospital Clínic-IDIBAPS, Barcelona
- *Martí, M<sup>a</sup> José.* Hospital Clínic, Barcelona
- *Meissner, Wassilios.* University of Bordeaux
- *Melki, Ronald.* Paris-Saclay Institute of Neuroscience
- *Mollenhauer, Brit.* Paracelsus Elena Klinik, Kassel
- *Paveze, Nicola.* Imperial College London
- *Poewe, Werner.* Medical University Innsbruck
- *Przedborski, Serge.* Columbia University, New York
- *Schrag, Anette-Eleonore.* University College London-Institute of Neurology
- *Seppi, Klaus.* Medical University Innsbruck
- *Spillantini, Maria Grazia.* University of Cambridge
- *Standaert, David G.* University of Alabama
- *Stefanis, Leonidas.* Biomedical Research Foundation Academy of Athens
- *Tolosa, Eduard.* University of Barcelona
- *Vila, Miquel.* Vall d'Hebron Research Institute-ICREA, Barcelona
- *Wade-Martins, Richard.* University of Oxford



## General Information

- **Dates:** May, 11-12 2017
- **Venue:** Aula Magna, Universitat de Barcelona. Facultat de Medicina i Ciències de la Salut - Campus Clínic (Casanova, 143 - 08036 Barcelona)

## Registration

	Before April 21th	After April 21th
Registration	100,00€	180,00€
Networking Dinner on Thursday 11	30,00€	30,00€
		(VAT Included)

The registration fee includes:

- Access to all the conference sessions and the neuropathological workshop and the opportunity to network with speakers and other delegates.
- Mid-session refreshments and lunch cocktail as scheduled in the conference programme.

**In order to make the registration, please visit [this site](#).**

Limited number of registrations available.

## Abstract Submission

People registered in the meeting can submit an abstract about the topics related to the conference theme.

The **deadline for abstract submission is on 11 April, 2017**. Notification of acceptance or rejection will be sent to all submitting authors by 18 April, 2017.

**Abstract submission instructions** (electronic poster presentation):

- The first author, or the presenter, has to be officially registered for the poster to be accepted.
- It is not necessary that the submitted abstracts are original –they can be presented previously in other meetings, but they DO NOT have to be published.
- The abstracts should be in English, and should be sent in PDF format to [secretaria@suportserveis.com](mailto:secretaria@suportserveis.com)
- The maximum character limit for the abstracts is 250.
- We recommend the following structure for abstracts: Background, Material and Methods, Results and Conclusions.

## Accommodation

**[Hotel U232](#)** 4\* (Compte d'Urgell, 232 – 08036 Barcelona) [www.u232hotel.com](http://www.u232hotel.com)

ROOM	Single	Double
	150€/night	160€/night

Breakfast and VAT included. Tourist tax not included: 1,21€ per night (VAT included).

**If you are interested in booking a room, please contact [olga@tallerdeviatges.com](mailto:olga@tallerdeviatges.com)**

*From April 17, 2017 availability will be on request.*

## Technical Secretariat

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