Alpha-synuclein & Parkinson’s disease Conference:
Lessons from the past 20 years

Campus Clínica, Universitat de Barcelona
May 11-12, 2017
Presentations

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

In the framework of the 20-year anniversary of the discovery of the link between the α-synuclein gene and familial Parkinson’s disease, and of the presence of α-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 α-synuclein. The role of α-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 α-synuclein and its pathology.

Dr. Eduard Tolosa
Dr. Miquel Vila
Dra. Mª José Martí
Dra. Alicia Garrido (Conference Secretary)
Organising Committee

Endorsed by:

International Parkinson and Movement Disorder Society
Societat Catalana de Neurologia
SENC Sociedad Española de Neurociencia
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 α-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 α-synuclein strains*
   R. Melki, Paris
15:30 – 16:00  Discussion
16:00 – 16:30  Coffee break/posters
16:30 – 17:00  *Pathogenic spreading of α-synuclein pathology*
   D.A. Di Monte, Bonn
17:00 – 17:30  *Autophagy and α-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  **α-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  **Genetics of synucleinopathies**
J. Hardy, London

**Therapeutic aspects of synucleinopathies**
12:30 – 14:00  Discussion with panelists.

•  **Therapeutic targeting of α-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 Idec, Weston

14:00  Farewell

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

- **Arnedo, Vanessa.** Michael J Fox Foundation, New York
- **Barone, Paolo.** University of Salerno
- **Cedarbaum, Jesse.** Biogen Idec, 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, Mª José.** Hospital Clínic, Barcelona
- **Meissner, Wassilios.** University of Bordeaux
- **Melki, Ronald.** Paris-Saclay Institute of Neuroscience
- **Mollenhauer, Brit.** Paracelsus Elena Klinik, Kassel
- **Pavese, 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

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<th>Before April 21th</th>
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<tr>
<td>Registration</td>
<td>100,00€</td>
<td>180,00€</td>
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<td>Networking Dinner on Thursday 11</td>
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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
- 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)

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<th>ROOM</th>
<th>Single</th>
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<tr>
<td></td>
<td>150€/night</td>
<td>160€/night</td>
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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**

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

Technical Secretariat

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