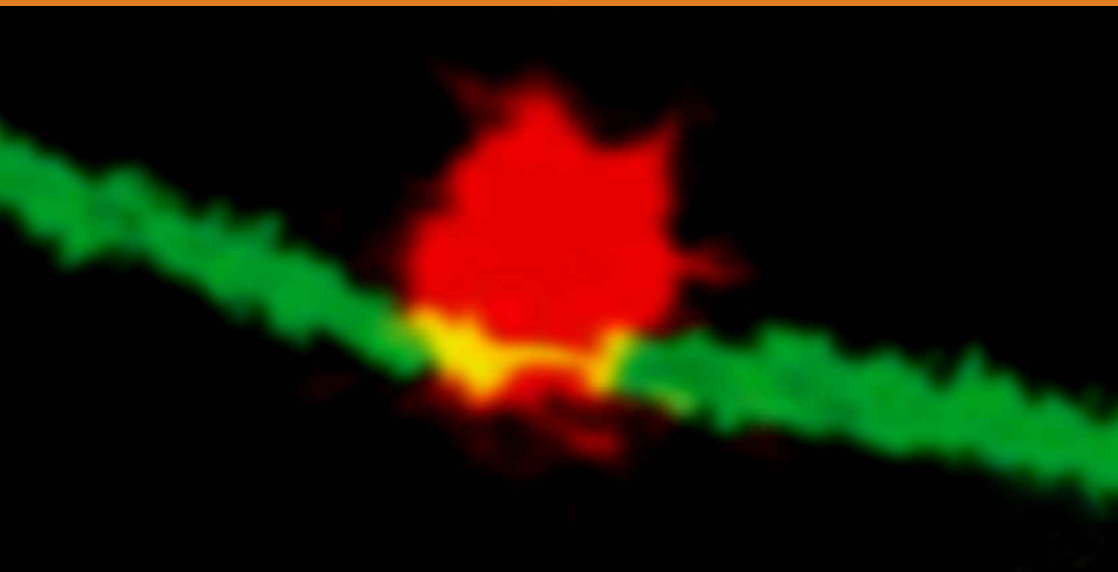


1<sup>ST</sup> BRAIN RESEARCH CONFERENCE

# ADVANCES IN ALZHEIMER'S DISEASE

1906-2006: A CENTURY OF PROGRESS TOWARDS  
THE END OF ALZHEIMER'S DISEASE



INSTITUTE OF NEUROSCIENCE,  
UNIVERSITAT AUTÒNOMA DE BARCELONA

DEPARTMENT OF NEUROLOGY,  
HOSPITAL DE LA SANTA CREU I SANT PAU

BARCELONA, SPAIN  
SEPTEMBER 29-30, 2006

## ORGANIZERS

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Universitat Autònoma de Barcelona  
**Institute of Neuroscience**



**Department of Neurology**

"Plaque causing a reduction of dendrite diameter" The plaque is labelled in red and the dendrite in green (outside the plaque) or yellow (inside the plaque).  
Courtesy of Dr. Wen-Biao Gan, Skirball Institute and Department of Neuroscience and Physiology, New York University School of Medicine, New York, USA. Published in *Nature Neuroscience* 7, 1181 - 1183 (2004).

## Friday, 29

|               |                                                                                                                                                                                                                                                      |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.30h-08.45h | <p>Welcome and introductory remarks</p> <p>Elena Galea, Institute of Neuroscience, Universitat Autònoma de Barcelona. Spain</p>                                                                                                                      |
| 08.45h-11.25h | <p><b>SESSION 1</b></p> <p><b><math>\beta</math>-amyloid: A key factor in Alzheimer's disease pathogenesis</b></p> <p>Chair: Lydia Giménez, Institute of Neuroscience, Universitat Autònoma de Barcelona. Spain</p>                                  |
| 08.45h-09.25h | <p><b>Modeling Alzheimer's disease in 3xTg-AD mice</b></p> <p>Frank M. LaFerla, University of California. Irving, USA</p>                                                                                                                            |
| 09.25h-10.05h | <p><b>Role of <math>\beta</math>-amyloid-induced inflammation in Alzheimer's disease: regulation by natural and pharmacological anti-inflammatory compounds</b></p> <p>Michael Heneka, University of Munster. Germany</p>                            |
| 10.05h-10.45h | <p><b>Control of <math>\beta</math>-amyloid peptide generation by brain cholesterol and plasminogen system in Alzheimer's disease</b></p> <p>Carlos G. Dotti, Cavaliere Ottolenghi Scientific Institute. Università degli Studi di Torino, Italy</p> |
| 10.45h-11.25h | <p><b>Intracellular <math>\beta</math>-amyloid and glutamate receptor trafficking in Alzheimer's disease</b></p> <p>Gunnar K. Gouras, Weill Medical College, Cornell University. New York, USA</p>                                                   |
| 11.30h-11.50h | Coffee break                                                                                                                                                                                                                                         |
| 11.50h-14.15h | <p><b>SESSION 2</b></p> <p><b>Secretases: Players in the roadfork of Alzheimer's disease therapeutics</b></p> <p>Chair and Introduction: Fred Van Leuven, KU Leuven, Belgium</p>                                                                     |
| 11.50h-12.00h | <p><b>Introduction: Secretases as therapeutic targets</b></p>                                                                                                                                                                                        |
| 12.00h-12.45h | <p><b>Structure and function of the presenilin/<math>\gamma</math>-secretase complex</b></p> <p>Bart de Strooper, Center for Human Genetics, K.U. and VIB, Leuven, Belgium.</p>                                                                      |
| 12.45h-13.30h | <p><b>Role of Presenilins in memory and neurodegeneration</b></p> <p>Carlos A. Saura, Institute of Neuroscience, Universitat Autònoma de Barcelona. Spain</p>                                                                                        |
| 13.30h-14.15h | <p><b>Regulation of BACE by inflammation</b></p> <p>Magdalena Sastre, University of Bonn. Germany</p>                                                                                                                                                |
| 14.15h-15.30h | Poster session & lunch                                                                                                                                                                                                                               |

15.30h-17.55h

### SESSION 3

#### Tauopathies and Dementia

Chair and Introduction: **Isidre Ferrer**, Hospital Universitari de Bellvitge. Barcelona, Spain

15.30h-15.40h

#### Introduction: Relevance of Tau in Dementia

15.40h-16.25h

#### Transgenic mouse models for APP processing and tauopathy

**Fred Van Leuven**, KU Leuven, Belgium

16.25h-17.10h

#### Kinases involved in tau phosphorylation in Alzheimer's disease and tauopathies

**Jesús Ávila**, Centro de Biología Molecular, CSIC, Universidad Autónoma de Madrid. Spain

17.10h-17.55h

#### Hereditary tauopathies with dementia and parkinsonism linked to chromosome 17

**Juan José Zarranz**, Hospital de Cruces. Baracaldo, Spain

## Saturday, 30

10.00h-12.30h

### SESSION 4

#### The latest advances in biomarkers, diagnosis, and treatments

Chair: **Rafael Blesa**, Hospital de la Santa Creu i Sant Pau. Barcelona, Spain

10.00h-10.50h

#### Update in diagnosis and treatments: What works, what doesn't and what looks promising

**Rafael Blesa**. Hospital de la Santa Creu i Sant Pau. Barcelona, Spain

10.50h-11.40h

#### Visualizing brain amyloid plaques in Alzheimer's disease

**Agneta Nordberg**. Karolinska Institutet. Stockholm, Sweden

11.40h-12.30h

#### $\beta$ -amyloid immunotherapy in Alzheimer's disease

**Roger M. Nitsch**, University of Zurich. Switzerland

12.30h-13.00h

Closing cocktail

## IMPORTANT DATES

|                   |                                   |
|-------------------|-----------------------------------|
| July 1, 2006      | Deadline for receipt of abstracts |
| July 20, 2006     | Notification of acceptance        |
| June 30, 2006     | Early fee registration            |
| July 20, 2006     | Hotel reservation                 |
| September 5, 2006 | Registration deadline             |

## REGISTRATION

Please register for the conference by completing the registration form. The form should be completed and returned (by fax, E-mail or through the website ) as soon as possible with the appropriate payments to the Technical Secretariat.

All registrations will be confirmed when payment has been received by the Technical Secretariat.

Early registration is suggested, since meeting participation is limited.

### Registration fees

Prices in Euros (€). 16% taxes included

|           | Before June 30, 2006 | After June 30, 2006 |
|-----------|----------------------|---------------------|
| Delegates | 128,00 €             | 145,00 €            |
| Students  | 94,00 €              | 110,00 €            |

### Registration fee includes

- Attendance to the scientific sessions
- Attendance to the poster sessions
- Conference documentation
- Lunch on Friday
- Coffee break on Friday
- Cocktail on Saturday

## PAYMENT

- **On-line** through the website [www.suportserveis.com](http://www.suportserveis.com)
- **Bank transfer** to Caixa d'Estalvis i Pensions de Barcelona, Swift code CAIX ES BB XXX, account number 2100-0781-47-0200080949 Suport Serveis, stating participant's name. Please send a copy of the bank transfer together with the registration form to the Technical Secretariat.
- A **cheque** payable to Suport Serveis
- **Credit card** payment (Visa, Mastercard or Eurocard accepted).

### Cancellation policy

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Registration cancellation should be notified in writing to the Technical Secretariat. Cancellations received before July 20, 2006 will receive a refund, less 20% administration charge. No refunds will be made for cancellations received after July 20, 2006. Substitute delegates are welcome without a penalty, but please inform the Conference Secretariat of any name changes.

## CALL FOR POSTER PRESENTATIONS

### Important dates

|                                   |                      |
|-----------------------------------|----------------------|
| Deadline for receipt of abstracts | <b>July 1, 2006</b>  |
| Authors advised of acceptance     | <b>July 20, 2006</b> |

### Instructions

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- All abstracts must be submitted in English
- Fax submission of abstracts will not be accepted
- Abstracts will be reproduced exactly as submitted. No reformatting or retyping will be undertaken.
- Presenting authors will be notified in due time of all necessary details for the preparation and presentation of their poster.
- Presenters may submit a maximum of two submissions.
- The first author or presenter of all accepted abstracts must register and pay for the conference.
- Abstracts that do not comply with the outlined requirements will not be considered.

## Abstract submission

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### On-line

Send your abstract through the website [www.suportserveis.com](http://www.suportserveis.com), following the guidelines below.

### E-mail presentation

Send your abstract by E-mail to the Technical Secretariat ([abstract@suportserveis.com](mailto:abstract@suportserveis.com)) along with first author's details. Save your abstract as presenting author's "Family Name, First Name.doc" (or RTF) following the guidelines below.

- Margins should be set at 20mm (top) 30mm (bottom and sides). Please use full justification for both left and right margins.
- Title should be bold type capitals in 12 point Times New Roman, centred.
- Leave a line then type authors in normal 10 point Times New Roman, presenting author first. List family name followed by first name or initials.
- Leave a line then type author's institution. Give full postal and e-mail address.
- Leave two lines then type the text, single spaced in 10 point Times New Roman. Do not intend paragraphs. Do not use sub headings.
- Maximum allowable length is 250 words.
- Faxes will not be accepted.

Authors will receive notification upon receipt.

## ACCOMMODATION

The Technical Secretariat has booked blocks of rooms in different hotel price categories for the conference.

Please contact the Technical Secretariat for additional information about accommodation (hotel's list and prices).

## CONFERENCE VENUE

CosmoCaixa Barcelona, Museo de la Ciencia de la Obra Social "la Caixa"

### COSMOCAIXA

Teodor Roviralta, 47-51  
08022 Barcelona



 FGC Avinguda Tibidabo Station

 17,22,58,73,75 and 60

 Tramvia blau

### Language

English is the official language of the Conference.

## CONTACT INFORMATION

Technical Secretariat  
Information and registration

### SuportServicios

Calvet, 30  
08021 Barcelona (Spain)  
Phone (+34) 932017571 Fax (+34) 932019789  
E-mail: [secretaria@suportserveis.com](mailto:secretaria@suportserveis.com)  
[www.suportserveis.com](http://www.suportserveis.com)

1<sup>ST</sup> BRAIN RESEARCH CONFERENCE  
**ADVANCES IN ALZHEIMER'S DISEASE**  
BARCELONA, SPAIN. SEPTEMBER 29-30, 2006

**REGISTRATION FORM**

**PERSONAL DETAILS**

Family Name \_\_\_\_\_ First Name \_\_\_\_\_  
Organisation/Institution \_\_\_\_\_  
Mailing address  Personal  Professional \_\_\_\_\_  
Postal Code \_\_\_\_\_ City \_\_\_\_\_ Country \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

**REGISTRATION FEES**

|           | Before June 30, 2006 | After June 30, 2006 |
|-----------|----------------------|---------------------|
| Delegates | 128,00 €             | 145,00 €            |
| Students  | 94,00 €              | 110,00 €            |

16% taxes included

Registration fee includes: attendance to the scientific sessions, attendance to the poster sessions, documentation, lunch on Friday and coffee breaks on Friday and Saturday.

Registration applications will be approved and confirmed in strict order of receipt and payment.

Deadline for registration: **5 September 2006**

**PAYMENT**

All payments must be in Euros (€). Accepted are:

- On-line through the website (credit card payment)
- Bank transfer** to Caixa d'Estalvis i Pensions de Barcelona, Swift code CAIX ES BB XXX, account number 2100-0781-47-0200080949 Suport Servicios, stating participant's name. Please send a copy of the bank transfer together with the registration form to the Technical Secretariat.
- Cheque** payable to Suport Servicios
- Credit card payment**  Visa  Mastercard  Eurocard

N°

Expiry date \_\_\_\_ / \_\_\_\_

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**CANCELLATIONS**

Cancellations received before July 5, 2006 will receive a refund, less 20% administration charge. No refunds will be made for cancellations received after July 5, 2006.

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