1ST 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
Elena Galea, PhD, Research Professor ICREA, Institute of Neuroscience, Universitat Autònoma de Barcelona
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"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 | Welcome and introductory remarks  
Elena Galea, Institute of Neuroscience, Universitat Autònoma de Barcelona. Spain

08.45h-11.25h | SESSION 1  
β-amyloid: A key factor in Alzheimer’s disease pathogenesis
Chair: Lydia Giménez, Institute of Neuroscience, Universitat Autònoma de Barcelona. Spain

08.45h-09.25h | Modeling Alzheimer’s disease in 3xTg-AD mice  
Frank M. LaFerla, University of California. Irving, USA

09.25h-10.05h | Role of β-amyloid-induced inflammation in Alzheimer’s disease: regulation by natural and pharmacological anti-inflammatory compounds  
Michael Heneka, University of Munster. Germany

10.05h-10.45h | Control of β-amyloid peptide generation by brain cholesterol and plasminogen system in Alzheimer’s disease  
Carlos G. Dotti, Cavaleri Ottolenghi Scientific Institute. Università degli Studi di Torino, Italy

10.45h-11.25h | Intracellular β-amyloid and glutamate receptor trafficking in Alzheimer’s disease  
Gunnar K. Gouras, Weill Medical College, Cornell University. New York, USA

11.30h-11.50h | Coffee break

11.50h-14.15h | SESSION 2  
Secretases: Players in the roadfork of Alzheimer’s disease therapeutics
Chair and Introduction: Fred Van Leuven, KU Leuven, Belgium

11.50h-12.00h | Introduction: Secretases as therapeutic targets

12.00h-12.45h | Structure and function of the presenilin/γ-secretase complex  
Bart de Strooper, Center for Human Genetics, K.U. and VIB, Leuven, Belgium.

12.45h-13.30h | Role of Presenilins in memory and neurodegeneration  
Carlos A. Saura, Institute of Neuroscience, Universitat Autònoma de Barcelona. Spain

13.30h-14.15h | Regulation of BACE by inflammation  
Magdalena Sastre, University of Bonn. Germany

14.15h-15.30h | Poster session & lunch
SESSION 3
Tauopathies and Dementia

15.30h-17.55h

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

SESSION 4
The latest advances in biomarkers, diagnosis, and treatments

10.00h-12.30h

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
β-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

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<th>Before June 30, 2006</th>
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<tr>
<td>Delegates</td>
<td>128,00 €</td>
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<tr>
<td>Students</td>
<td>94,00 €</td>
<td>110,00 €</td>
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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

- **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.

- **A cheque** payable to Suport Servicios

- **Credit card** payment (Visa, Mastercard or Eurocard accepted).

Cancellation policy

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       | July 1, 2006 |
| Authors advised of acceptance          | July 20, 2006 |

**Instructions**

- 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

On-line
Send your abstract through the website www.suportserveis.com, following the guidelines below.

E-mail presentation
Send your abstract by E-mail to the Technical Secretariat (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"

COSMOCAXA

Teodor Roviralta, 47-51
08022 Barcelona

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
www.suportserveis.com
REGISTRATION FORM

PERSONAL DETAILS

Family Name

Organisation/Institution

Mailing address □ Personal □ Professional

Postal Code      City                                                Country

Phone      Fax      E-mail

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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

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Card holder name ___________________________ Card holder signature:

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