

10th International Hong Kong/Springfield Pan-Asian Symposium on Advances in Alzheimer Therapy

February 28, 29 – March 1, 2008
Hong Kong

Revised 11/1/2007

PROGRAM

WEDNESDAY, FEBRUARY 27, 2008

15:00 - 20:00 Registration at the Kowloon Shangri-La Hotel

THURSDAY, FEBRUARY 28, 2008

■ Early Recognition and Diagnosis of Dementia

7:30 Welcome Coffee

ROOM A (Fanling)

Introduction of plenary lecture: Lawrence Wong

08:00 Introduction of plenary lecture: **Lawrence Wong**
Zhen-xin Zhang (Beijing, China)
Epidemiology of dementias in China

Traditional and Herbal Medicine for the Treatment of Alzheimer's Disease

Chairs: Jian Li and Bill Piu Chan

09:00 **Raymond Chang** (Hong Kong, China)
Polysaccharides from medicinal herbs as potential drug lead in Alzheimer's disease

09:30 **Jinzhou Tian** (Beijing, China)
GETO combination reduces beta-amyloid deposition in APPV7171 transgenic mice

10:00 **Bill Piu Chan** (Beijing, China)
Effects of Linzhi (Ganodermae Lucidi) on cognitive function in neurodegenerative disorders

10:30 **Break**

Cerebrovascular Disease and Dementia: Risk Factors and Prevention

Chairs: Karen Lam and Ching-Kuan Liu

11:00 *Special lecture:* **Leung-wing Chu** (Hong Kong, China)
Treating Dementia and MCI in China: Traditional vs Western Medicine

11:30 **Miia Kivipelto** (Stockholm, Sweden)
Risk factors of vascular dementia and AD

12:00 **Amos Korczyn** (Ramat-Aviv, Israel)
Cerebrovascular disease and dementia

12:30 **Tony Lee** (Hualien, Taiwan)
Cholinesterase inhibitor (ChEI) blockade and its prevention by statins of cerebral neurogenic Vasodilation

13:00 **Lunch** (Orchid room)

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THURSDAY, FEBRUARY 28, 2008

■ Early Recognition and Diagnosis of Dementia

ROOM A (Fanling)

Cerebrovascular Disease and Dementia are Related

Chairs: Lawrence Wong and Gabriel Gold

- 14:15 **Gabriel Gold** (Geneva, Switzerland)
Defining mixed dementia: Evidence from prospective analyses of 156 cases with
Alzheimer disease lesions and microvascular pathology
- 14:45 **Vincent Mok** (Hong Kong, China)
White matter lesions and dementia
- 15:15 **Christopher Chen** (Singapore)
Post stroke dementia
- 15:45 **David Nyenhuis** (Chicago, USA)
Psychometric measurement of vascular cognitive impairment
- 16:15 **Welcome Address**
Che Hong Leong, Chair, The Elderly Commission
Opening remarks by the organizers:
Ezio Giacobini and **Jean-Pierre Michel**, Geneva Switzerland
Lawrence Wong and **Helen Chiu**, Hong Kong, China
Christopher Chen, Singapore
Masatoshi Takeda, Osaka, Japan
Followed by representatives of:
Tai Fai Fok, Dean, The Chinese University of Hong Kong
Raymond H.S. Liang, Acting Dean, The University of Hong Kong
Shiu Yuen Cheng, Dean of Science, The Hong Kong University of Science and
Technology
David Dai, Chairman, Hong Kong Alzheimer's Disease Association
Rodger Elble, Chairman of Neurology, Southern Illinois University School of
Medicine, Springfield
Jean-Louis Carpentier, Dean, Faculty of Medicine, University of Geneva, Geneva
- 17:00 **Welcome Reception** (Orchid Room)

Posters on display all day Thursday and Friday (08:00 – 17:00)

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THURSDAY, FEBRUARY 28, 2008

■ Early Recognition and Diagnosis of Dementia

07:30 **Welcome Coffee**

ROOM B (Tai Po/Shek-O)

Introduction of plenary lecture: Lawrence Wong

08:00 **Zhen-xin Zhang** (Beijing, China)
Epidemiology of dementias in China
Videoteleconferenced from Room A

Early Markers of Dementia and A-beta Modulation

Chairs: Nancy Ip and Jacques Hugon

09:00 **Jacques Hugon** (Paris, France)
Correlations between cognitive, memory and peripheral signalling markers
in Alzheimer's disease

09:30 **Kaj Blennow** (Mölndal, Sweden)
CSF and plasma biomarkers for early Alzheimer's disease and to monitor A-beta
modulation

10:00 **Ana Martinez** (Madrid, Spain)
Targeting beta-amyloid through acetylcholinesterase
(Session partially supported by an educational grant from NeuroPharma, Spain)

10:30 **Break**

Imaging of Early Alzheimer's Disease

Chairs: Agneta Nordberg and Makoto Higuchi

11:00 **Agneta Nordberg** (Stockholm, Sweden)
Evolution of amyloid in Alzheimer's disease as assessed by PET

11:30 **Hilkka Soininen** (Kuopio, Finland)
Structural and functional MRI in MCI

12:00 **Makoto Higuchi** (Chiba, Japan)
Visualization of brain amyloid and microglial activation in mouse models
of Alzheimer's disease

12:30 **Geng Li** (Hong Kong, China)
MRE for early detection of MCI and Alzheimer's disease patients

13:00 **Lunch** (Orchid Room)

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THURSDAY, FEBRUARY 28, 2008

■ **Early Recognition and Diagnosis of Dementia**

ROOM B (Tai Po/Shek-O)

Recommendations and Outcomes for Clinical Trials in Alzheimer's Disease

Chairs: Jean-Pierre Michel and Constantin Bouras

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|--------|---|
| 14:15 | Bruno Dubois (Paris, France)
New criteria for the diagnosis of Alzheimer's disease |
| 14:45 | Bruno Vellas (Toulouse, France)
Disease modifying trials in Alzheimer's disease |
| 15 :15 | Jean-Pierre Michel (Geneva, Switzerland)
Non-cognitive outcomes of dementia drug trials |
| 15:45 | Vorapun Senanarong (Bangkok, Thailand)
Recommendations and outcomes for Clinical Trials in AD |
| 16:15 | Welcome Address — Videoteleconferenced from Room A |
| 17:00 | Welcome Reception (Orchid Room) |

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FRIDAY, FEBRUARY 29, 2008

■ **Treatment of Dementia 2008**

07:30 **Welcome Coffee**

ROOM A (Fanling)

Introduction of plenary lecture: Helen Chiu

08:00 **Bengt Winblad** (Stockholm, Sweden)
Current Treatment in Alzheimer's Disease

Targeting Glutamatergic Pathways in Alzheimer's Disease

Chair: Christopher Chen

09:00 **Paul Francis** (London, UK)
The role of glutamate in healthy brain and Alzheimer's disease

09:30 **David Wilkinson** (Southampton, UK)
Overview of memantine data in moderate to severe Alzheimer's disease

10:00 **Serge Gauthier** (Montreal, Canada)
Management of behavioral problems in Alzheimer's disease
(mini-symposium supported by an educational grant from H. Lundbeck, A/S)

10:30 **Break**

Clinical Relevance and Treatment Update in MCI

Chair: Rachele Doody

11:00 **Introduction**

11:15 **Howard Feldman** (Vancouver, Canada)
MCI – Is it a specific clinical entity?

11:35 **Philip Scheltens** (Amsterdam, The Netherlands)
MCI – Imaging and biomarkers

11:55 **Stephen Salloway** (Providence, USA)
MCI – Results of studies with cholinesterase inhibitors

12:15 **Rachele Doody** (Houston, USA)
MCI – Real world relevance

12:35 **Questions and answers**
(mini-symposium supported by an educational grant from Eisai/Pfizer)

13:00 **Lunch** (Orchid room)

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FRIDAY, FEBRUARY 29, 2008

■ **Treatment of Dementia 2008**

ROOM A (Fanling)

Treatment of Neuropsychiatric Symptoms in Alzheimer's Disease

Chairs: Helen Chiu and Henry Brodaty

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| 14:15 | Guk-Hee Suh (Seoul, Korea)
Antipsychotics for neuropsychiatric symptoms: Good or bad? |
| 14:45 | Jeffrey Cummings (Los Angeles, USA)
Effect of cholinesterase inhibitors on behavior |
| 15:15 | Henry Brodaty (Randwick, Australia)
The role of antidepressants in treatment of neuropsychiatric symptoms |
| 15:45 | Linda Lam (Hong Kong, China)
Non-pharmacological interventions – an adjuvant to the treatment of neuropsychiatric symptoms |

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FRIDAY, FEBRUARY 29, 2008

■ **Treatment of Dementia 2008**

07:30 **Welcome Coffee**

ROOM B (Tai Po/Shek-O)

Introduction of plenary lecture: **Helen Chiu**

08:00 **Bengt Winblad** (Stockholm, Sweden)
Current Treatment of Alzheimer's Disease
Videoteleconferenced from Room A

Cholinergic Therapy: New Treatments

Chairs: David Dai and Bruno Vellas

09:00 *Special lecture: Kiminobu Sugaya* (Orlando, USA)
Is stem cell therapy the answer to Alzheimer's disease?

09:30 **Karl Tsim** (Hong Kong, China)
Flavonoids originated from traditional Chinese medicines protect neurons against oxidative stress and b-amyloid-induced cytotoxicity

10:00 **Yi Fan Han** (Hong Kong, China)
Novel dimeric AChE inhibitors: Molecular basis for multi-functional neuroprotection towards Alzheimer's disease

10:30 **Break**

The Future of Cholinergic Therapy

Chairs: Abraham Fisher and Claudio Cuello

11:00 **Claudio Cuello** (Montreal, Canada)
Dysregulation of the NGF maturation and degradation in Alzheimer's disease and possible therapeutic relevance

11:30 **Abraham Fisher** (Ness Ziona, Israel)
M1 Muscarinic receptors in a comprehensive therapy in AD and related CNS diseases

12:00 **Giancarlo Pepeu** (Florence, Italy)
Cholinesterase inhibitors and beyond

12:30 **Antonio Cattaneo** (Rome, Italy)
Development of a non invasive NGF-based therapy for Alzheimer's disease

13:00 **Lunch** (Orchid room)

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FRIDAY, FEBRUARY 29, 2008

■ **Treatment of Dementia 2008**

ROOM B (Tai Po/Shek-O)

The Clinical Importance of Sustained Acetyl- and Butyrylcholinesterase Inhibition in Dementia Treatment

Chair: Ezio Giacobini

- 14:15 **Ezio Giacobini** (Geneva, Switzerland)
Developing the cholinergic hypothesis for the treatment of Alzheimer's disease
- 14:45 **Agneta Nordberg** (Stockholm, Sweden)
Effects of commonly-used cholinesterase inhibitors on target enzymes
- 15:15 **Clive Ballard** (London, UK)
Clinical relevance of butyrylcholinesterase in the human subcortex
- 15:45 **Howard Feldman** (Vancouver, Canada)
Butyrylcholinesterase and disease progression in mild cognitive impairment and
early Alzheimer's disease

(mini-symposium supported by an educational grant from Novartis Pharma)

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10th International Hong Kong/Springfield Pan-Asian Symposium on Advances in Alzheimer Therapy

SATURDAY, MARCH 1, 2008

■ The Near Future Treatment of Dementia

07:30 Welcome Coffee

ROOM A (Fanling)

Introduction of plenary lecture: Christopher Chen

08:00 **Roger Nitsch** (Zurich, Switzerland)
Immunotherapy of Alzheimer's disease, challenges and opportunities

Regulation of Amyloid Processing and Therapy

Chair: Masatoshi Takeda

09:00 **Masatoshi Takeda** (Osaka, Japan)
Presenilin-complex modulators and notch signaling

09:15 **Takeshi Iwatsubo** (Tokyo, Japan)
Alzheimer's disease: beta-amyloid and gamma-secretase

09:40 **Hiroshi Mori** (Osaka, Japan)
Distinct localization of oligomeric amyloid beta-protein as the therapeutic target for Alzheimer's disease

10:05 **Katsuhiko Yanagisawa** (Aichi, Japan)
Ganglioside-induced A-beta assembly as an early event of Alzheimer's disease

10:30 Break

Immunization: Impact of A-beta Amyloid

Chairs: Ivan Lieberburg and Dale Schenk

11:00 **Dora Games** (South San Francisco, USA)
Issues and advances in the development of immunotherapies for Alzheimer's disease

11:30 **Michael Grundman** (San Diego, USA)
Clinical update on Alzheimer immunotherapy

12:00 **Dennis Selkoe** (Boston, USA)
Soluble oligomers of A-beta as a key therapeutic target for Alzheimer's disease

12:30 **Cynthia Lemere** (Boston, USA)
A-beta immunization reduces plaques and stabilizes cognition in aged vervets
(session partially supported by an educational grant from Elan)

13:00 Lunch (Orchid room)

10th International Hong Kong/Springfield Pan-Asian Symposium on Advances in Alzheimer Therapy

SATURDAY, MARCH 1, 2008

■ The Near Future Treatment of Dementia

Immunization: Impact of Oligomers

Chairs: Karen Ashe and Colin Masters

- 14:15 **Karen Ashe** (Minneapolis, USA)
Molecular basis of memory loss in Alzheimer mouse models
- 14:45 **Christoph Hock** (Zurich, Switzerland)
Antibody therapy of Alzheimer's disease
- 15:15 **Colin Masters** (Victoria, Australia)
Alzheimer's disease: A-beta amyloid as the principal molecular and therapeutic diagnostic target
- 15:45 **Bernd Bohrmann** (Basel, Switzerland)
Human monoclonal antibodies against A-beta in mouse models of Alzheimer's disease
(session partially supported by an educational grant from Hoffmann-La Roche, Switzerland)
- 16:15 **Closing Remarks in Room A, Videoteleconferenced to Room B**
- 19:00 **Speakers Dinner** (by invitation, Harbour Room)

10th International Hong Kong/Springfield Pan-Asian Symposium on Advances in Alzheimer Therapy

SATURDAY, MARCH 1, 2008

■ The Near Future Treatment of Dementia

07:30

Welcome Coffee

ROOM B (Tai Po/Shek-O)

Introduction of plenary lecture: Christopher Chen

08:00

Roger Nitsch (Zurich, Switzerland)

Immunotherapy of Alzheimer's disease, challenges and opportunities

Videoteleconferenced from Room A

Treatment of other Dementias

Chairs: Benjamin Peng and Theodor Landis

09:00

Rodger Elble (Springfield, USA)

Parkinson dementia: Do we have a treatment?

09:30

Ian McKeith (Newcastle, UK)

Diagnosis and treatment of Lewy body disease

10:00

Special lecture: Norm Relkin (New York, USA)

Targeting amyloid to change the course of Alzheimer's disease

(session partially supported by an educational grant from Myriad Pharmaceuticals, USA)

10:00

Break

From Tangles to Pathological TAU: New Perspectives for Alzheimer's Disease Treatment

Chairs: Khalid Iqbal and Panteleimon Giannakopoulos

11:00

Panteleimon Giannakopoulos (Geneva, Switzerland)

Assessing the cognitive impact of neuronal and synaptic Alzheimer's disease pathology

11:30

Frank LaFerla (Irvine, USA)

Effective treatment of Alzheimer's disease may require combination therapies:
lessons from transgenic mice

12:00

Luc Buée (Lille, France)

Why and how specific neurons are dying in Alzheimer's disease

12:30

Khalid Iqbal (Staten Island, USA)

Neurofibrillary degeneration: A pivotal downstream therapeutic target

13:00

Lunch (Orchid room)

New Therapies: Late Breaking News

Chairs: Timothy Kwok and Van Thinh Le

14:15

Manfred Windisch (Graz, Austria)

Animal models to develop new drugs for Alzheimer's disease: Advantages and limits

14:45

Bruno Vellas (Toulouse, France)

Memory complaint to the general practitioner: A good target for preventive trials –
Data from the GuidAge study

15:15

David Wilkinson (Southampton, UK)

The BRAINz trial: A novel approach to acetylcholinesterase-inhibitor treatment for
Alzheimer's disease

15:45

Achim Schneeberger (Vienna, Austria)

Development of Affitope vaccines for Alzheimer's disease – from concept to
clinic

(session partially supported by educational grants from Neurochem, Canada; JSW-Research Forschungslabor GmbH, Austria; Debiopharm SA, Switzerland, Beaufour Ipsen Pharma, and Affiris GmbH, Austria)

16:15

Closing Remarks *Videoteleconferenced from Room A*

19:00

Speakers Dinner (by invitation, Harbour Room)