

Session 2:Clinical and Therapeutic ApproachesChairpersons:Giancarlo Comi (Milano, Italy) and
Lynn Rutkowski (Collegeville, USA)

- 14:00 14:30 Progression in Multiple Sclerosis Alastair Compston (Cambridge, UK)
- 14:30 15:00 Neural Stem Cell System for Studying Signalling Mechanisms and Modelling Neurological Diseases In Vitro Luciano Conti (Cambridge, USA)

15:00 - 15:30 Coffee Break

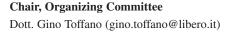
- 15:30 16:00 Studying Neural Stem Cells in the Embryonic and Adult CNS by Cre-Lox Transgenesis Bill Richardson (Milano, Italy)
- 16:00 16:30 New Therapeutic Perspectives in Multiple Sclerosis Giancarlo Comi (Milano, Italy)
- 16:30 17:00 Concluding Remarks Giancarlo Comi (Milano, Italy) Frank Walsh (Collegeville, USA)



ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA

MolecularApproaches to Neuronal Regeneration: Opportunities in Neurodegenerative Diseases

> Aula Magna Oratorio San Filippo Neri Bologna, Italy October 27th 2006

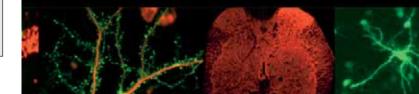


The partecipation to the workshop is free. It is kindly requested the registration on line (http://www.farmacologia.unibo.it/sem_ws/index.htm)



Under the Patronage of:

Italian Society of Pharmacology Italian Society of Toxicology Italian Society of Neurology Alma Mater Studiorum - University of Bologna Italian Charity Association for Multiple Sclerosis



Introduction

The University of Bologna was probably the first University in the western world. Its history is one of great thinkers in science and the humanities, making it an indispensable point of reference in the panorama of European culture. Therefore it is only appropriate that Bologna play host to this meeting "Molecular Approaches to Neuronal Regeneration: Opportunities in Neurodegenerative Diseases".

Neurodegenerative diseases represent some of today's most devastating diseases afflicting man. With an aging population, thanks to improved medicine and healthcare, the incidence of diseases such as Alzheimer's disease, multiple sclerosis, Parkinson's disease and other neurodegenerative disorders is increasing, and is taking a significant toll on patients, their families and caregivers, healthcare providers and worldwide economies.

Multiple Sclerosis (MS) alone affects about 2.5 million people worldwide, with approximately 200 people diagnosed weekly in the US alone. The typical age for the onset of the disease is between 20 and 50. MS is not considered a fatal disease, since the vast majority of patients live to a normal life span. However, MS does result is a significant impact to the quality of life to patients as they experience increasing physical and mental limitations. Few therapies exist which modify the progression of the disease. While these drugs lessen the severity and frequency of MS attacks and reduce the accumulation of lesions, none significantly address the underlying disease pathology, are able to prevent further attacks, or are capable of reversing the damage to myelin.

This meeting brings together key thought leaders from the field of neurodegeneration research to share their latest findings and to highlight therapeutic opportunities that may reduce or even reverse the devastating effects of neurodegenerative diseases.

We hope you find this a stimulating and enjoyable meeting.

Regards,

The Organizing Committee

Prof. Giorgio Cantelli Forti Dr. Kelly Charles Prof. Pat Doherty Prof. Gino Toffano Prof. Frank Walsh

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Agenda	
09:00 - 09:30	Welcoming Address
	Pier Ugo Calzolari (Chancellor, Alma Mater Studiorum-University of Bologna)
	Giorgio Cantelli Forti (Alma Mater Studiorum-University of Bologna)
	Sergio Dompé (President Farmindustria Italy)
Session 1:	Molecular Correlates of Neuronal Regeneration
Chairpersons:	Ciaran Regan (Dublin, Ireland) and Tullio Pozzan (Padova, Italy)
09:30 - 10:00	Neurofascins are Required to Establish Axonal Domains for Saltatory Conduction in the PNS
	Peter Brophy (Edinburgh, Scotland)
10:00 - 10:30	Early Neuronal and Glial Fate Restriction of Embryonic Neural Stem Cells
	Boris Zalc (Paris, France)
10:30 - 11:00	Coffee Break

- 11:00 11:30 Small Molecules Promoting Neuronal Survival and Axonal Growth Menelas Pangalos (Princeton, USA)
- 11:30 12:00 Novel Agonists for Promoting Repair Mechanisms Patrick Doherty (London, UK)
- 12:00 12:30 New Bioactive Molecules From Natural Sources in Neuroprotection Patrizia Hrelia (Bologna, Italy)

12:30 - 14:00 Working Lunch