

General information

Conference date and venue

July 8-9, 2010

I.R.C.C.S. Fondazione Istituto Neurologico Nazionale "Casimiro Mondino"
Congress center, lecture hall "C. Berlucci"
via C. Mondino, 2- 27100 Pavia

How to reach the conference site

BY TRAIN

From Pavia railway station:

- bus n° 3 direction "Colombarone", stop "Maugeri/Mondino"
- bus n° 7 direction "Maugeri/Mondino"

BY CAR

Motorway A7 "Milano-Genova", exit "Beregardo/Pavia Nord":

take the "Beregardo-Pavia" intersection, then west on the Pavia ring road, direction "Pavia Nord", exit "Istituti Universitari", turn right twice then go straight ahead for 100 mt approx..

Motorway A21 "Torino-Piacenza", exit Casteggio-Casatima":

follow the road signs to Pavia, in San Martino Siccomario take Pavia ring road and drive on as above.

Main road SS 35 from Milan:

cross Certosa di Pavia, then take Pavia ring road direction "Pavia Sud" to the exit "Istituti Universitari", Mondino Institute is in front of the exit

Free parking.

Registration

Forms must be filled out and sent - by July 5 - to the organising secretariat MdE congressi ed eventi, via San Giovanni in Borgo 4, 27100 Pavia fax +39 0382 27697 - e-mail: segreteria@mdecongressi.it Confirmations will be sent by e-mail only.

www.mdecongressi.it (download registration form)

Registration fees

Regular: 50,00 € + VAT 20%

Registration + poster presentation (main authors only): 60,00 € + VAT 20%

Pre-doctoral Students: 20,00 € + VAT 20%

Post-doctoral Students: 30,00 € + VAT 20%

A certificate proving students' status is requested.

Payment should be made to MdE congressi ed eventi, via San Giovanni in Borgo 4, 27100 Pavia

- Bank transfer to: Intesa San Paolo agency Pavia 2
IBAN IT39E0306911304100000003103 - BIC BCITITMM

A copy of the bank receipt must be sent along with the registration form.

- Credit card: please fill out all card details (including cvv) on the registration form

Accommodation

If you wish MdE to book a room for you, please send back the accommodation request as soon as possible and no later than July 1.

Credit card data is compulsory to reserve a room and they will be forwarded as a guarantee only. Settlement must be made at the hotel directly.

In case of no show without any communication to MdE within 48 hours from arrival, the first night amount will be charged.

gdr_giustina@yahoo.it

Italian CME

È in atto la pratica di accreditamento per la certificazione dell'evento finalizzata all'attribuzione di Crediti Formativi Regionali Lombardi ECM/CPD, secondo il programma Educazione Continua in Medicina per le seguenti figure professionali:

Medica e chirurgica n° 90

Sanitaria n° 30

Professioni sanitarie n° 30

L'assegnazione dei crediti è subordinata all'effettiva partecipazione al programma formativo. Sono stati preassegnati n. 8,6 crediti ECM/CPD.

Scientific secretariat

Silvia Molinari silvia.molinari@mondino.it

Irene Solinas bccmondino@gmail.com

Organising secretariat

MdE congressi ed eventi

via San Giovanni in Borgo, 4

27100 PAVIA

ph. +39 0382 302859 - fax +39 0382 27697

e-mail: segreteria@mdecongressi.it

www.mdecongressi.it

Chairmen and Speakers



Egidio D'Angelo

I.R.C.C.S. C. Mondino
and University of Pavia (IT)

Paul Dean

University of Sheffield (UK)

Erik De Schutter

Universiteit Antwerp (BE)
and Okinawa Institute
of Science and Technology (Japan)

Christiaan DeZeeuw

Erasmus Universitair Medisch
Centrum (NL)

Stephanne Dieudonné

Ecole National Supérieure
Paris (FR)

Michael Hausser

University College London (UK)

Thomas Knöpfel

(RIKEN Brain Science
Institute -Japan)

Rodolfo Llinas

NYU-MC, New York (USA)

Narender Ramnani

(Royal Holloway University
of London - UK)

Angus Silver

University College London (UK)

Yosi Yarom

The Hebrew University
of Jerusalem (Israel)

Sponsor

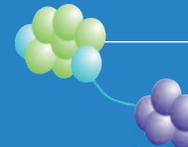
The Journal of Physiology



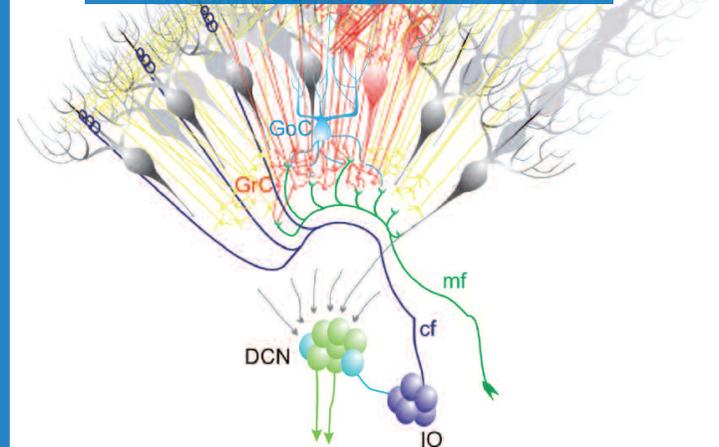
Sistema Sanitario Regione Lombardia



The cerebellum: from neurons to higher control and cognition



8/9 July 2010
Pavia, Lecture hall "C. Berlucci"



Conference Coordinator:

Egidio D'Angelo

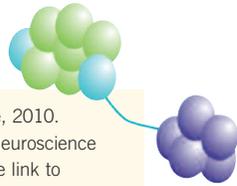


Brain Connectivity Center
I.R.C.C.S. C. Mondino - Pavia

Thursday, 8 July

Friday, 9 July

Abstract submission



The deadline for abstract submission is 20 June, 2010. The abstracts will be published in *Frontiers in Neuroscience* and become fully citable publications. Follow the link to download a document with the details on the program, registration and abstract submission: www.mdecongressi.it

Presentation

Pavia, a small town in the north of Italy, welcomes the meeting “The cerebellum: from neurons to higher control and cognition”. The relationship of Pavia with the cerebellum dates back to the times of Camillo Golgi, when this outstanding scientist, in discovering the neuronal organization of the brain, dedicated to the cerebellum his specific attention. Since then, cerebellum neuroscience has provided pioneering observations on the nature of ionic channels, synaptic transmission and circuit organization expanding to such an extent that it still represents a benchmark for brain sciences. Cerebellar investigations are providing amongst the highest resolution recordings at the cellular and subcellular level, innovative techniques for neuronal circuits analysis and functional imaging of higher control functions. This stimulating experimental activity is supported by remarkable attempts at developing realistic computational models and multi-scale brain theories, projecting cerebellum neuroscience toward the integration of molecular-cellular mechanisms into circuit and systemic level dynamics. The clinical interest for the cerebellum is also now revitalized, by being this structure at the core not just of motor pathologies like ataxia but also of cognitive pathologies like autism and dyslexia. This meeting aims at bridging these different approaches into a coherent framework by gathering among the most representative neuroscientists in the field.

Joined Events

The meeting will be the occasion for the official opening of the Brain Connectivity Center, a new research center born from a joint initiative of the IRCCS C. Mondino and the University of Pavia to promote research in basal and applied Neuroscience. Moreover, the meeting will represent the kick-off of CEREBNET, an ITN Marie-Curie project gathering among the most representative groups in cerebellar physiology of Europe.

Egidio D'Angelo

Director of the Brain Connectivity Center (BCC)
I.R.C.C.S. Fondazione Istituto Neurologico Nazionale “Casimiro Mondino”
and University of Pavia

- | | | | |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:00-11:30 a.m. | Registration of participants | 8:30 a.m. | Session 3 – Chairman: Angus Silver |
| 11:30-12:00 a.m. | Opening session – Chairman: Josef Yarom
Welcome (Dean of the University)
Introduction to the workshop
Egidio D'Angelo (University of Pavia - Italy) | 8:30-9:10 a.m. | Everything I did not know about the cerebellum
Christiaan I. De Zeeuw (Erasmus Universitair
Medisch Centrum Rotterdam - Holland) |
| 12:00-1:00 p.m. | Main Lecture. Inferior Olive Dynamics
from an Ionic Channel Perspective
Rodolfo Llinas (NYU-MC, New York - USA) | 9:10-9:50 a.m. | Changes in cerebellar activity from awake
to sleep in the monkey
Erik De Schutter (Okinawa Institute of Science
and Technology - Japan) |
| 1:00-2:00 p.m. | Lunch Buffet | 9:50-10:30 a.m. | Role of the plasma membrane calcium
ATPase PMCA2 in cerebellar function
Ruth Empson, Walther Akemann and
Thomas Knöpfel (RIKEN Brain Science
Institute -Japan) |
| 2:00 p.m. | Session 1 – Chairman:
Christiaan I. De Zeeuw | 10:30-11:00 a.m. | Coffee break |
| 2:00-2:40 p.m. | Granular layer dynamics and the control
of information flow through the cerebellar cortex.
Egidio D'Angelo (University of Pavia - Italy) | 11:00 a.m.
1:00 p.m. | Poster session – Chairman: Thomas Knöpfel |
| 2:40-3:20 p.m. | Adaptive Filter Models of the Cerebellum:
Any Basis in Reality?
Paul Dean (University of Sheffield - UK) | 1:00-2:15 p.m. | Lunch Buffet |
| 3:20-4:00 p.m. | Cerebellar Interactions with the Prefrontal Cortex:
Evidence from Anatomy, Evolution and Neuroimaging
Narender Ramnani (Royal Holloway University
of London - UK) | 2:15-4:45 p.m. | Short communications - Chairman:
Erik De Schutter
Cerebellar Physiology
Cerebellar System Physiology
Cerebellar Plasticity |
| 4:00-4:30 p.m. | Coffee break | 4:45-5:00 p.m. | Welcome of CEREBNET participants |
| 4:30 p.m. | Session 2 – Chairman: Michael Häusser | 5:00-6:30 p.m. | CEREBNET meeting (reserved to partners) |
| 4:30-5:10 p.m. | The extended olivo - cerebellar system:
hypothesis for function
Yosef Yarom (The Hebrew University
of Jerusalem - Israel) | | |
| 5:10-5:50 p.m. | Probing the functional role of Golgi
and Lugaro cells in vivo
Michael Häusser (University College London - UK) | | |
| 5:50-6:30 p.m. | Desynchronization of the Golgi Cell network
with sparse excitatory input
Angus Silver (University College London - UK) | | |
| 6:30-7:10 p.m. | High-speed RAMP imaging of postsynaptic
calcium flux at cerebellar synapses
Stéphane Dieudonné (Ecole National
Supérieure – Paris - France) | | |