

1st International Conference dedicated to

MITOFUSIN 2

NEUROPATHIES AND

MITOCHONDRIAL FUSION



7th APRIL 2014

AULA MAGNA G.B. CANDIANI

Fondazione IRCCS Ca' Granda

Ospedale Maggiore Policlinico

Mangiagalli- Via Commenda 12

Milan - Italy



FONDAZIONE IRCCS CA' GRANDA
OSPEDALE MAGGIORE POLICLINICO



ASSOCIAZIONE AMICI DEL
"CENTRO DINO FERRARI"



UNIVERSITÀ DEGLI STUDI
DI MILANO

With the support of:



Associazione Italiana
Sistema Nervoso Periferico

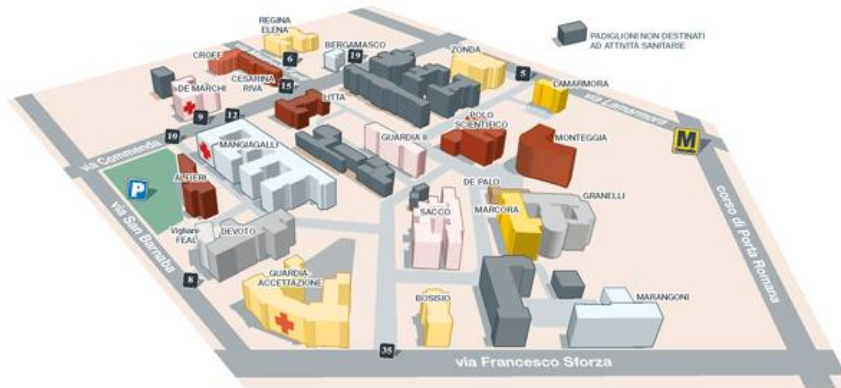


Associazione
Italiana di
Miologia

GENERAL INFORMATION

Location

The Conference will take place in the Lecture Hall (Aula Magna) of the Clinica Mangiagalli. Located in the heart of Milan, in via Commenda 12, within the IRCCS Foundation Ca' Granda Ospedale Maggiore Policlinico, South East of the Duomo Cathedral, among the streets F. Sforza, San Barnaba, Commenda, Lamarmora e Pace (between Corso di Porta Romana e Corso di Porta Vittoria). If you come by car, you need to know that the area is subject to entry ticket and traffic restrictions (for more information www.comune.milano.it).



Travel

The conference is easily accessible:

by **underground**: Yellow Line (number 3) Crocetta or Missori Station

by **bus**: 94, 77, 84, 54 or 73 (from Linate Airport) or 60 (from Centrale Station)

Admission

It is completely **free** but it is necessary to fill a **registration form** on our website within Thursday, 20th march 2014.

- Welcome and admission to the Scientific Meeting
- Information Material
- Simultaneous translation
- Lunch

The Conference is dedicated to Doctors, Researchers, Patients with CMT2A and their families.

Organising Secretariat

For further information:

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Email to : convegnomitofusina2@gmail.com

ASSOCIAZIONE PROGETTO MITOFUSINA 2 ONLUS

Eleonora Bartolini (President)

Dr Luisa Perrero Porzio (Web Manager)

SPEAKERS

Chairpersons:

Prof Nereo Bresolin

Dino Ferrari Centre, Neuroscience Section, Department of Pathophysiology and Transplantation, University of Milan, Neurology Unit, IRCCS Foundation Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

Prof Giacomo P. Comi

Dino Ferrari Centre, Neuroscience Section, Department of Pathophysiology and Transplantation, University of Milan, Neurology Unit, IRCCS Foundation Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

Prof Patrizia Bonneau

Département de Biochimie et Génétique, Centre Hospitalier Universitaire d'Angers, Angers, France

Prof Maria Luisa Mostacciolo

Human Genetics Laboratory, Department of Biology, University of Padua, Padua, IT

Speakers:

Prof Nereo Bresolin

Dino Ferrari Centre, Neuroscience Section, Department of Pathophysiology and Transplantation, University of Milan, Neurology Unit, IRCCS Foundation Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

Prof Patrizia Bonneau

Département de Biochimie et Génétique, Centre Hospitalier Universitaire d'Angers, Angers, France

Dr Giorgia Bergamin

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Prof Giacomo P. Comi

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Dr Stefania Corti

Dino Ferrari Center, Neuroscience Section, Department of Pathophysiology and Transplantation, University of Milan, Neurology Unit, IRCCS Foundation Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

Dr Grazia D'Angelo

NeuroMuscular Unit, NeuroRehabilitation Dept. IRCCS E. Medea; Bosisio Parini, Lecco

Prof Gian Maria Fabrizi

Department of Neurological, Neuropsychological, Morphological and Movement sciences, Section of Neuropathology, University of Verona

Prof Maurizio Moggio

Neuromuscular Diseases Unit, IRCCS Foundation Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy and Associazione Italiana di Miologia

Prof Maria Luisa Mostacciolo

Human Genetics Laboratory, Department of Biology, University of Padua, Padua, IT

Dr Davide Pareyson

IRCCS Foundation National Neurological Institute C. Besta, Milan, IT and Associazione Italiana per lo studio sul Sistema Nervoso Periferico (ASNP)

Dr Angelo Quattrini

Department of Neuroscience, San Raffaele Hospital Scientific Institute, Milan, IT

Dr Federica Rizzo

Dino Ferrari Center, Neuroscience Section, Department of Pathophysiology and Transplantation, University of Milan, Neurology Unit, IRCCS Foundation Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

Prof Michael E. Shy

Department of Neurology, University of Iowa, Iowa City, IA 52242, USA

SCIENTIFIC PROGRAM

SESSION I

Chairpersons: Prof Bresolin N (Milan), Prof Bonneau P (Angers, FR)

- 9, 30-9,40** Prof Bresolin N (Milan)
Introduction to genetic etiology of neurodegenerative diseases
- 9,40-10,00** Prof Comi GP (Milan)
Mitofusin 2, fusion and mitochondrial dysfunctions
- 10,00-10,50** Prof Shy ME (Iowa City, USA)
Hereditary neuropathies
- 10,50-11,10** Prof Moggio M (Milan)
Neuropathology: the study of peripheral nerve in human being. Applications for MFN2 animal model
- 11,10-11,30** Dr Quattrini A (Milan)
Neuropathology: the study of peripheral nerve in experimental models
- 11,30-11,50** Dr Pareyson D (Milan)
Clinical features associated with MFN2 mutations
- 11,50-12,10** Prof Fabrizi GM (Verona)
Pathogenic variants and polymorphisms in MFN2 gene
- 12,10-12,30** Prof Mostacciolo ML (Padua)
MFN2 gene mutations
- 12,30-13,00** **DISCUSSION**
- 13,00-14,30** **LUNCH**

SESSION II

Chairpersons: Prof Comi GP (Milan), Prof Mostacciolo ML (Padua)

- 14,30-14,50** Prof Bonneau P (Angers, FR)
mtDNA depletions in severe MFN2 patients
- 14,50-15,10** Dr Bergamin G (Padua)
Zebrafish as MFN2 disease model
- 15,10-15,30** Dr Corti S (Milan)
iPSCs derived from skin fibroblasts as a disease model
- 15,30-15,50** Dr Rizzo F (Milan)
Gene expression modulation in MFN2 mouse model (MitoCharc1)
- 15,50-16,10** Dr D'Angelo Mg (Bosisio Parini)
Neurorehabilitation and follow-up
- 16,10-16,45** **DISCUSSION**
- 16,45-17,15** *Living with CMT,
Role of patients Associations and their families*
Associazione Progetto Mitofusina 2 Onlus (Rignano sull'Arno, Turin)
- 17,15** **CLOSING REMARKS**