

1<sup>st</sup> International Conference dedicated to

# **MITOFUSIN 2**

## **NEUROPATHIES AND**

## **MITOCHONDRIAL FUSION**



**7<sup>th</sup> 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

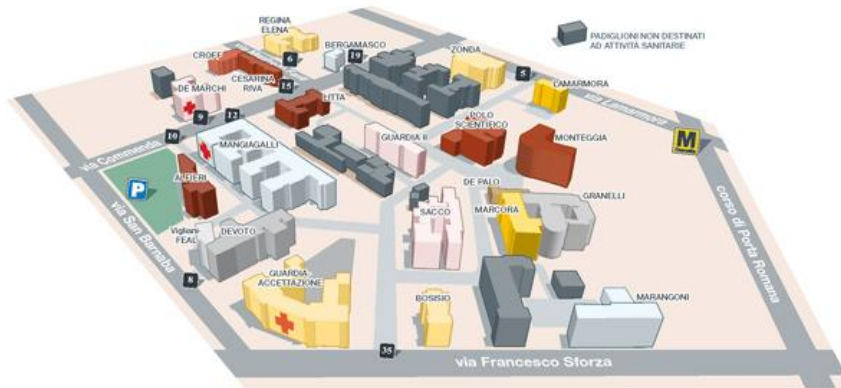


Associazione  
Italiana di  
Miologia

# 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](http://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 [http://www.progettomitofusina2.com/immagini/pdf/APPLICATION\\_FORM.pdf](http://www.progettomitofusina2.com/immagini/pdf/APPLICATION_FORM.pdf) within Thursday, 20<sup>th</sup> 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:

Dr Roberta Roccamatysi: +39 3334376215

Email to : [convegnomitofusina2@gmail.com](mailto: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**

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

### **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*

### **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**