

# UPDATE ON OPTIC NERVE DEGENERATION

## A European Network



OSPEDALE  
SAN RAFFAELE

1<sup>st</sup> International Meeting  
Milan, March 18-19, 2016  
San Raffaele Hospital

Department of Ophthalmology  
*Prof. Francesco Bandello*  
Department of Neurology  
*Prof. Giancarlo Comi*

promoted by:  
Piero Barboni, Valerio Carelli, Maria  
Lucia Cascavilla, Letizia Leocani

### Scientific Program



## Friday March 18, 2016 - Sala Caravella Santa Maria

8.00am Registration

### 9.15-10.15am - SYMPOSIUM: FOCUS ON LEBER'S HEREDITARY OPTIC NEUROPATHY (LHON): A PRACTICAL APPROACH TO CLINICAL, DIAGNOSIS AND THERAPEUTIC MANAGEMENT

**Chairpersons** : A.A. Sadun, P. Yu Wai Man

9.15am LHON Clinical Cases presentation - C. Orssaud

9.30am Clinical Diagnosis - P. Barboni

9.40am Genetic Diagnosis - V. Carelli

9.50am LHON Therapy: current aspects and future perspectives - T. Klopstock

10.05am Discussion

### C.M.E. SESSION

10.30am Introduction - F. Bandello, G. Comi

**Keynote lecture** - J.A. Sahel

### NEURODEGENERATIVE DISEASES - MULTIPLE SCLEROSIS

**Chairpersons**: W. Lagrèze, A.A. Sadun

11.00am Optic nerve platform to test new therapies - R. Diem

11.30am OCT in neurodegenerative phase of MS - E. Martinez-Lapiscina

12.00pm Assessment of optic neuritis - L. Leocani

12.15pm Preclinical studies - L. Chaabane

12.30pm Neuroprotective strategy - R. Kapoor

12.45pm Remyelination strategy - D. Cadavid

1.00pm *Lunch*

### NEURODEGENERATIVE DISEASES - ALZHEIMER, PARKINSON, ALS

**Chairpersons**: T. Klopstock, V. Parisi

2.00pm Functional and structural MRI in neurodegenerative diseases - M. Filippi

2.30pm The visual system in PD - I. Bodis-Wollner

3.00pm ALS - A. Brandt

3.15pm Alzheimer disease - P. Barboni

3.30pm Spino-cerebellar neurodegeneration - A. Brandt

3.45pm *Coffee break*

### NEW DIAGNOSTIC STRATEGIES OF EYE NEURODEGENERATION

**Chairpersons**: A. Carta, F. Sadun

4.15pm Electrophysiological approach - V. Porciatti

4.45pm Optic nerve MRI - M. Rocca

5.15pm Retinal vascular analysis - M.L. Cascavilla

5.30pm Functional analysis - F. Cordeiro

5.45pm OCT angiography - L. Mastropasqua

# Saturday March 19, 2016 - Sala Caravella Santa Maria

## NEURODEGENERATIVE DISEASES - OPTIC NERVE

**Chairpersons:** *F. D'Esposito, A.M. De Negri*

- 9.00am Toxic: controversies - *A. Grzybowski*
- 9.20am Photosensitive retinal ganglion cells - *C. La Morgia*
- 9.40am OCT in LHON: Brazilian experience - *C. Ramos*
- 10.00am Natural history of RGC loss in LHON - *P. Barboni*
- 10.10am Inherited - new therapeutic options - *P. Yu Wai Man*
  
- 10.30am *Coffee break*
  
- 10.40am **Keynote lecture** - *A.A. Sadun*

## GENETICS

**Chairpersons:** *P. Carrera, C. Lamperti*

- 11.25am Genetic basis of optic neuropathies - *V. Carelli*
- 11.40am Pathogenic mechanisms - *M. Votruba*
- 11.55am Enlarging the phenotype - *P. Amati-Bonneau*
- 12.10pm Animal models - *G. Lenaers*
- 12.25pm Genetics of OPA1-Associated diseases - *B. Wissinger*
  
- 12.40pm *Lunch*

## GLAUCOMA

**Chairpersons:** *S. Miglior, C.E. Traverso*

- 2.10pm Interpretation of ganglion cell layer changes in glaucoma - *G. Triolo*
- 2.40pm Improvement of diagnostic accuracy to detect glaucoma by OCT  
*L.E. Vazquez*
- 2.55pm Molecular biomarkers in glaucoma - *F. Grus*
- 3.10pm Functional tests - *P. Brusini*
- 3.25pm Mechanisms of neuroprotection: clinical evidence of citicoline in glaucoma  
*L. Rossetti*
- 3.40pm Neuroenhancement and neuroprotection in glaucoma - *P. Bettin*
- 3.55pm Neuroprotection strategies - *S. Gandolfi*
- 4.10pm Vascular therapy - *G. Marchini*
- 4.25pm Is still Hypotensive Therapy relevant in glaucoma treatment? - *P. Bettin*
- 4.40pm Different IOP values in glaucomas - *M. Tester*
  
- 4.55pm *Closing Remark*
  
- 5.10pm *CME test*

## INVITED SPEAKERS

Amati-Bonneau Patrizia - *France*

Bandello Francesco - *Milan (Italy)*

Barboni Piero - *Bologna (Italy)*

Bettin Paolo - *Milan (Italy)*

Bodis-Wollner Ivan - *New York (USA)*

Brandt Alexander - *Berlin (Germany)*

Brusini Paolo - *Udine (Italy)*

Cadavid Diego - *Newark (USA)*

Carelli Valerio - *Bologna (Italy)*

Carrera Paola - *Milan (Italy)*

Carta Arturo - *Parma (Italy)*

Cascavilla M. Lucia - *Milan (Italy)*

Chaabane Linda - *Milan (Italy)*

Comi Giancarlo - *Milan (Italy)*

Cordeiro Francesca - *London (UK)*

D'Esposito Fabiana - *Naples (Italy)*

De Negri Anna Maria - *Rome (Italy)*

Diem Ricarda - *Heidelberg (Germany)*

Filippi Massimo - *Milan (Italy)*

Gandolfi Stefano - *Parma (Italy)*

Grus Franz - *Main (Germany)*

Grzybowski Andrzej - *Poznan (Poland)*

Iester Michele - *Genova*

Kapoor Raj - *Punjab (India)*

Klopstock Thomas - *München (Germany)*

Lagrèze Wolf - *Freiburg (Germany)*

La Morgia Chiara - *Bologna (Italy)*

Lamperti Costanza - *Milan (Italy)*

Lenaers Guy - *Montpellier (France)*

Leocani Letizia - *Milan (Italy)*

Marchini Giorgio - *Verona (Italy)*

Martinez-Lapiscina Elena - *Barcelona (Spain)*

Mastropasqua Leonardo - *Chieti-Pescara (Italy)*

Miglior Stefano - *Milan (Italy)*

Orssaud Christophe - *Paris (FR)*

Parisi Vincenzo - *Rome (Italy)*

Porciatti Vittorio - *Miami (Florida - USA)*

Ramos Carolina - *Sao Paulo (Brazil)*

Rocca Mara - *Milan (Italy)*

Rossetti Luca - *Milan (Italy)*

Sadun Alfredo Arrigo - *Los Angeles (USA)*

Sadun Federico - *Rome (Italy)*

Sahel Josè-Alain - *Paris (France)*

Traverso Carlo Enrico - *Genoa (Italy)*

Triolo Giacinto - *Milan (Italy)*

Vazquez Luis E. - *Miami (USA)*

Votruba Marcela - *Cardiff (UK)*

Wissinger Bernd - *Tubingen (Germany)*

Yu Wai Man Patrick - *Newcastle (UK)*

## GENERAL INFORMATION

### Congress Venue

Sala Caravella Santa Maria - Via Olgettina, 58 - Milano

### Continuing Medical Education Credits (C.M.E.)



Italian CME credits will be assigned to:

- *ophthalmologists*
- *neurologists*
- *genetists*
- *orthoptists*
- *nurse*

**Credits number: 5,5.**

All attendees must have their badges printed in order to verify credit assignment. In order to obtain credits, registered participants are required to attend 100% working sessions. CME Credits will only be earned by filling and handing in the appropriate CME questionnaire.

### Languages

The official language of the Meeting will be English. Simultaneous translation into Italian will not be provided.

### Audio Visual

PowerPoint/Presentations must be handed over to the technicians of the PREVIEW ROOM on USB memory stick. There will be PC compatible projection equipment in the Conference room. Technicians will be available throughout the Meeting to assist all Speakers in starting their presentations.

## CONGRESS VENUE

Sala Caravella Santa Maria - Via Olgettina, 58 - Milano

## REGISTRATION INFORMATION

All participants must be regularly registered. Please complete the enclosed Registration form and send it to the Organizing Secretariat, Jaka Congressi, at [info@jaka.it](mailto:info@jaka.it) together with the payment of the corresponding fee.

### Registration fees

Registration will be confirmed by the Organizing Secretariat.  
Registration fee includes: conference kit, admission to all the scientific sessions.  
Attendance to all scientific sessions is limited to seats availability.

### Payment

All payment should be made in € (EURO) payable to Jaka Congressi by bank transfer, free of banking charge. All payment must be clearly marked with the participant's name.

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### BILLING DATA

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Address \_\_\_\_\_

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Fiscal Code \_\_\_\_\_

### REGISTRATION FEES (VAT included 22%)

|  |             |
|--|-------------|
| <input type="checkbox"/> Ophthalmologists, Neurologists, Genetists         | Euro 200,00 |
| <input type="checkbox"/> Orthoptists, Nurses                               | Euro 100,00 |
| <input type="checkbox"/> Students in Medicine (Ophthalmology - Neurology)* | Euro 100,00 |

\* Up on presentation of specialization certificate

### PAYMENT

Bank detail: IBAN IT48L0200805283000004714280 - SWIFT CODE UNCRITM1N90 - Unicredit Banca, Viale Liegi 18/d - Roma - Please state the name of participant and "Registration to Congress UPDATE ON OPTIC NERVE DEGENERATION"

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