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UPDATE ON OPTIC NERVE DEGENERATION A European Network

OSPEDALE SAN RAFFAELE 1st 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 - *L. Leocani*

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. Cordeiro5.45pm 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 Morgia9.40am 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 Lunch

GLAUCOMA

Chairperson: C.E. Traverso

1.30pm Interpretation of ganglion cell layer changes in glaucoma - *G. Triolo*

2.00pm Improvement of diagnostic accuracy to detect glaucoma by OCT

L.E. Vazquez

2.15pm Molecular biomarkers in glaucoma - F. Grus

2.30pm Functional tests - P. Brusini

2.45pm Mechanisms of neuroprotection: clinical evidence of citicoline in glaucoma

L. Rossetti

3.00pm Neuroenhancement and neuroprotection in glaucoma - P. Bettin

3.15pm Neuroprotection strategies - *S. Gandolfi*

3.30pm Vascular therapy - *G. Marchini*

3.45pm Is still Hypotensive Therapy relevant in glaucoma treatment? - P. Bettin

4.00pm Different IOP values in glaucomas - M. Iester

4.15pm Closing Remark

4.30pm 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)*

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)

lester Michele - Genoa (Italy)

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)

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)

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 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* 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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REGISTRATION FEES (VAT included 22%)	
☐ Ophthalmologists, Neurologists, Genetists	Euro 200,00
☐ Orthoptists, Nurses	Euro 100,00
☐ Students in Medicine (Ophthalmology - Neurology)*	Euro 100,00

^{*} Up on presentation of specialization certificate

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