



SUNDAY, JUN. 16

OPTIC NERVE SESSION I: ACQUIRED OPTIC NEUROPATHIES

Moderators: *Susan Mollan and Maria José Sá*

08:30 Autoimmune optic neuropathies

Axel Petzold (London, UK)

08:50 NMO spectrum disorders

Bernardo Sánchez-Dalmau (Barcelona, Spain)

09:10 Consensus guidelines and treatment strategies for IIH

Susan Mollan (Birmingham, UK)

09:30 Q&A – Panel Discussion

09:45 **Coffee-Break**

OPTIC NERVE SESSION II: FROM GENES TO DISEASE

Moderators: *Alfredo Sadun and Manuela Grazina*

10:15 What's new in primary mitochondrial DNA disorders?

Valerio Carelli (Bologna, Italy)

10:40 Nuclear mitochondrial disorders – tissue specificity and diagnostic challenges

Manuela Grazina (Coimbra, Portugal)

11:05 Optic atrophy genes – expanding phenotypes and genotypes

Patrick Yu-Wai-Man (Cambridge, UK)

11:30 Application of OCT imaging to inherited optic neuropathies

Piero Barboni (Bologna, Italy)

11:55 Animal models of retinal ganglion cell damage

Marcela Votruba (Cardiff, UK)

12:20 Q&A – Panel Discussion

12:30 **Lunch**



OPTIC NERVE SESSION III: NEUROPROTECTION AND NEURODEGENERATION

Moderators: *Francesca Cordeiro and Philipp Albrecht*

- 14:00** Neuroprotection in glaucoma – myth or reality?
Francesca Cordeiro (London, UK)
- 14:25** Mechanisms of axonal damage in multiple sclerosis
Maria José Sá (Porto, Portugal)
- 14:50** Neuroprotective strategies for optic neuritis
Philipp Albrecht (Dusseldorf, Germany)
- 15:15** Strategies for optic nerve regeneration
Dietmar Fischer (Bochum, Germany)
- 15:40** Q&A – Panel Discussion

16:00 Coffee-Break

OPTIC NERVE SESSION IV: TRANSLATIONAL RESEARCH AND NETWORK

Moderator: *Patrick Yu-Wai-Man and Marcela Votruba*

- 16:30** Gene therapy for Leber hereditary optic neuropathy
Catherine Vignal-Clermont (Paris, France)
- 16:50** Patient engagement for rare diseases
Russell Wheeler (ERN-EYE and EMA Representative)
Avril Daly (Vice-President of EURORDIS)
- 17:30** European research networks
Patrick Yu-Wai-Man (EUNOS Research Committee Chair)
- 17:50** Q&A – Panel Discussion
- 18:00** Close

18:30 Welcome Reception



MONDAY, JUN. 17

MAGNIMS SYMPOSIUM ON MRI

Moderator: *Jette Frederiksen*

- 08:30** New diagnostic criteria of multiple sclerosis
- 08:50** The value of 3T vs 1.5T in clinically isolated syndromes
- 09:10** The prognostic value of blood brain barrier permeability in optic neuritis
- 09:30** Differential diagnosis

10:00 **Coffee-Break**

10:30 LECTURE I: FUNCTIONAL MRI

Miguel Castelo-Branco (Coimbra, Portugal)

11:15 INTERACTIVE SESSION I: CLINICAL CASES CHALLENGE

Moderators: *João Costa, Misha Pless, Nancy Newman*

Panel: *Bernardo Sánchez-Dalmaum, Nieves-Martin, Ana Fonseca, Tim Matthews, Sylvia Muñoz*

Five challenging mystery cases will be presented (10 minutes each), followed by a discussion of the cases by a panel of experts wrapping up with Q&A from the audience

12:30 **Satellite Symposium**

13.30 **Lunch**



SESSION I: ISCHEMIC NEURO-OPHTHALMIC CONDITIONS

Moderators: *António Friande, Marko Hawlina, Alfredo Sadun*

14:20 Update on non arteritic AION treatment

Hanna Leiba (Telaviv, Israel)

14:40 Non-surgical diagnostic tools for giant cell arteritis

Bjorn Hammar (Sweden)

15:00 New insights on giant cell arteritis treatment

Susan Mollan (Birmingham, UK)

15:20 Transient Visual Loss

Valerie Biousse (Atlanta, USA)

15:40 Visual Rehabilitation

Susanne Trauzettel-Klosinski (Tubingen, Germany)

16:00 **Coffee-Break**

TEACHING COURSE I: EMERGENCY NEURO-OPHTHALMOLOGY

Moderators: *Pedro Fonseca, Neil Miller*

Panel: *Sílvia Muñoz, Valerie Biousse, Nancy Newman, Anthony Arnold*

- 16:30**
1. Transient monocular visual loss - what to do?
 2. Central retinal artery occlusion – is there any treatment?
 3. Idiopathic intracranial hypertension with venous sinus stenosis - how to treat?
 4. Optic neuritis - what is the “routine” workup and treatment?
 5. NAION - is there any current treatment?
 6. AAION – how to diagnose and what is the treatment?
 7. Traumatic optic neuropathy – how to manage?
 8. Isolated 6th nerve palsy in an older individual – should neuroimaging be done in every case?
 9. Ocular Myasthenia – should early immunosuppressive treatment be offered to all patients?
 10. Radiation optic neuropathy – is there a treatment?

TUESDAY, JUN. 18

SESSION II: NEURODEGENERATIVE DISEASES

Moderators: *João Paulo Cunha and Joana Ferreira*

08:30 Healthy and pathological eye ageing

João Paulo Cunha (Lisbon, Portugal)

09:00 Neuroretinal loss: glaucoma vs aging

Francesca Cordeiro (London, UK)

09:30 Neurodegenerative disorders and vision

Gordon Plant (London, UK)

10:00 **Coffee-Break**

10:30 **LECTURE II: OCULAR MYASTHENIA GRAVIS**

Amelia Evoly (Rome, Italy)

11:15 **INTERACTIVE SESSION II: EYE MOVEMENT CHALLENGE**

Moderators: *Caroline Tilikete, João Lemos, Konrad Weber*

Panel: *Irene Gottlob*

Challenging mystery cases will be presented (10 minutes each), followed by a discussion of the cases by a panel of experts wrapping up with Q&A from the audience.

12:30 **Lunch**

14:00 Neuro-ophthalmology journal

Walter Jay (Chicago, USA)

Simon Hickman (Sheffield, UK)



SESSION III: PEDIATRIC NEURO-OPHTHALMOLOGY

Moderators: *Klara Landau, Jonathan C. Horton, Eduardo Silva*

- 14:20** Oculomotor Behavior in Exotropia
Jonathan C. Horton (San Francisco, USA)
- 14:45** Pediatric intracranial vascular disorders
Ruth Huna-Baron (Tel Aviv, Israel)
- 15:10** Shaken baby syndrome: A neuro-ophthalmologist's perspective
Veit Sturm (St. Gallen, Switzerland)
- 15:35** Molecular testing in pediatric neuro-ophthalmology
Eduardo Silva (Coimbra, Portugal)

16:00 Coffee-Break

TEACHING COURSE II: OCT IN NEURO-OPHTHALMOLOGY

Moderators: *João Paulo Cunha, Joana Ferreira and Irene Gottlob*

- 16:30** Past, Present and Future
Joana Ferreira (Lisbon, Portugal)
- 17:00** OCT in neurodegenerative diseases
João Paulo Cunha (Lisbon, Portugal)
- 17:30** Pediatric OCT
Irene Gottlob (Leicester, UK)
- 17:45** Retinal nerve fiber and ganglion cell layers evaluation by OCT in optic neuropathies
Piero Barboni (Bologna, Italy)

20:00 Farewell Dinner – Port Wine Cellars



WEDNESDAY, JUN. 19

SESSION IV: FREE PAPERS

Moderator: *Fion Bremner, Anat Kesler*

10:00 Coffee-Break

10:30 LECTURE III: PRESENT AND FUTURE OF NEURO-OPHTHALMOLOGY

Neil Miller PhD

SESSION V: HOT TOPICS IN NEURO-OPHTHALMOLOGY

Moderator: *Dália Meira, Klara Landau*

11:15 Ocular vestibular evoked myogenic potentials as a test for Myasthenia Gravis

Konrad Weber (Zurich, Switzerland)

11:30 Diagnostic challenges in sellar lesions

Misha Pless (Luzern, Switzerland)

11:45 Treatment controversies in IIH - what is best?

Tim Matthews (Birmingham, UK)

12:00 Artificial Intelligence in Neuro-ophthalmology

Dan Milea (Singapore)

12:45 Closing remarks