Course Director:
Joan W. Miller (USA)

Scientific Program

Friday, October 13, 2017

07.30 Registration and Welcome Coffee
Hot Topics – Moderators: Joan W. Miller, Frank G. Holz
08.20 Welcome Note (Joan W. Miller)
08.30 Quantitative Autofluorescence: Veni, Vidi, Vici? (Francois Delori)
08.45 Erythrocyte-Mediated Angiography (Osamah Saeedi)
09.00 Microarchitecture and Timeline of Atrophy via Histology and Eye-Tracked SD-OCT (Christine Curcio)
09.15 Effects on the Human Eye of Microgravity in Long-Term Space Flight (David Brown)
09.30 Positional Advanced Ophthalmic Imaging (Alex Huang)
09.45 Panel Discussion – Moderator: Joan W. Miller, Frank G. Holz
10.00 Coffee Break
Multimodal Imaging & More – Moderators: David Brown, Deeba Husain
10.30 Multimodal Imaging of Non-Neovascular Exudative AMD (Joan W. Miller)
10.50 Imaging in Dry AMD Using Quantitative Fundus Autofluorescence (Jorge Orellana-Rios)
11.00 Data for Free – Various Modes of Autofluorescence Imaging (Frank G. Holz)
11.20 Swept Source OCT of Choroidal Lesions (John B. Miller)
11.30 Imaging Characteristics of Choroidal and Sub-Retinal Pigment Epithelium Caverns (Orly Gal-Or)
11.40 Subclinical CNV – What is the Threshold for Treatment with Anti-VEGF Therapy? (Mark Nelson)
12.00 Clinical Evaluation of an Intensively Genotyped Cohort (Johannes Birtel)
12.10 Don’t be Puzzled by Multimodal Imaging (Ethan Priel)
12.30 Lunch & Scientific Market with Posters (starts at 13.00)

Structure / Function & More – Moderators: Karl Csaky, John B. Miller
14.00 Drusen Volume and Visual Function Measures in Dry AMD (Karl Csaky)
14.20 Structure/Function in AMD (Deeba Husain)
14.30 Function Follows Form (Frank G. Holz)
14.50 Clinicopathologic Correlation in Type 3 Neovascularization in AMD Using In Vivo and Ex Vivo OCT Scans (Rosa Dolz Marco)
15.00 Panel Discussion – Moderator: Karl Csaky, John B. Miller
15.30 Coffee Break & Scientific Market with Posters

Glaucoma 1 - Moderators: Robert N. Weinreb, Alex Huang
16.30 Influence of Optic Disc Morphology on BMO-MRW Analysis (Christian Mardin)
16.50 How to Combine Visual Field and OCT Information: Introduction to a New Glaucoma Report (Don Hood)
17.10 Macular Analysis in Glaucoma (Kourosh Nouri-Mahdavi)
17.30 Anterior Segment Outflow Imaging (Alex Huang)
17.50 Panel Discussion – Moderator: Robert N. Weinreb, Alex Huang
18.00 END / Welcome Reception
Saturday, October 14, 2017

08.00  Welcome Coffee

Fluorescence Lifetime Imaging Ophthalmoscopy (FLIO) - Moderators: SriniVas R. Sadda, Francois Delori

08.30  FLIO Introduction and Applications in Alzheimer's Disease (SriniVas R. Sadda)

08.50  Assessing Changes in Macular Telangiectasia Type 2 (Lydia Sauer)

09.00  Monitoring Carotenoid Fluorescence (Paul Bernstein)

09.10  Drusen in Age Related Maculopathy (Martin Zinkernagel)

09.20  Retinal Imaging in Neurological Disease (Ari Green)

09.35  Panel Discussion – Moderator: SriniVas R. Sadda, Francois Delori

09.45  Coffee Break & Scientific Market with Posters

Rapid Fire: OCT Angiography – Moderators: Glenn Jaffe, Giovanni Staurenghi

10.30  Introduction and Practical Applications (Glenn Jaffe)

10.45  Imaging the Deep Choroidal Vessels (Demetrios G. Vavvas)

10.55  OCTA Helps Defining Details of CNV on HS-ICG (Karl Csaky)

11.05  Colocalization of In-Vivo Mechanical Strain and Ocular Perfusion (Massimo Fazio)

11.15  Macular Pigment (Giovanni Staurenghi)

11.25  Ischemic Optic Neuropathies (Eric Gaier)

11.35  Age-Related Macular Degeneration (Mark Nelson)

11.45  Ultra-High Resolution Cross-Sectional OCT Angiography of Retinal and Choroidal Neovascularizations (Marco Lupidi)

11.55  Posterior Uveitis (Lucia Sobrin)

12.05  Macular Telangiectasia Type 2 (Zaria Ali)

12.15  Panel Discussion – Moderator: Glenn Jaffe, Giovanni Staurenghi

12.25  Boxed Lunch Delivery

Lunch Symposium: Glaucoma 2 – Moderators: Don Hood, Christian Mardin

12.30  OCTA in Glaucoma – What Makes Sense? (Robert N. Weinreb)

12.50  First Data of OCTA in Glaucoma (Christian Mardin)

13.00  New Morphometric Biomarkers for Glaucoma in the Deep Optic Nerve Head (Christopher Girkin)

13.20  Misconceptions about OCT and Glaucoma (Don Hood)

13.40  Panel Discussion – Moderator: Don Hood, Christian Mardin

13.50  Closing Remarks – Joan W. Miller / Stephan Schulz

14.00  END

Poster Presentations:
Characterization of Retinitis Pigmentosa Using Fluorescence Lifetime Imaging Ophthalmoscopy (FLIO) (Karl Andersen)

OCT: An Evolving Role in Neuro-Ophthalmology in South Africa (Marissa Willemsse)

Optical Coherence Tomography Retinal Segmentation Changes Induced by Gradual Ascent to High Altitude in Mountaineers Randomized to Acetazolamide vs. Placebo (Mariano Cozzi)

Multimodality Imaging in Oncology (Marco Pellegrini)

Diabetic Choroidopathy with Swept-Source Optical Coherence Tomography (Rebecca Silverman)