FRIDAY DECEMBER 14

8.00 – 8.45 – ADVANCED SIMPOSIUM – HALL A

Moderator: Bruno Lumbroso

Bruno Lumbroso - Introduction
Eric Souied - Detection and classification of CNV with OCTA
Amani Fawzi - OCTA signal in atrophy: CNV or residual choroidal vessels?
Bruno Lumbroso - How to determine CNV activity with OCT & OCTA? Long-term follow-up
Marco Rispoli - The role of OCT-Angiography in Dry AMD
Yves Cohen - How Does OCTA fit in the everyday imaging armamentarium? And how can it guide treatment decisions?

8.00 – 8.45 – SIMPOSIUM – HALL B

FRIDAY MORNING

HALL A+B

RETINA: AMD AND MACULOPATHIES

AMD 1

Chairs: Daniel Pauleikhoff, David Sarraf, Srinivas Sadda, Nadia Waheed, Salomon Yves Cohen

Daniel Pauleikhoff - Pigment epithelial detachment in exudative AMD
Nadia Waheed - Evolutive changes in wet AMD
Aude Ambresin - Influence of structural OCT characteristics in the detection of CNV due to AMD using OCT Angiography
Florence Coscas, Diogo Reis Cabral, Gabriel Coscas, Eric Souied - OCT Angiography biomarkers in AMD
5’ - Discussion

Key Note Lecture

David Sarraf - RAP: advanced retinal imaging of Type 3 NV

CLASSIFICATION OF ATROPHY AND NEOVASCULARIZATION IN AMD

Chairs: David Sarraf, Eric Souied
Adnan Tufail - OCT classification of atrophy in AMD
K. Bailey Freund - OCT classification of NV in AMD
David Sarraf - OCTA classification of NV in AMD

5' - Discussion

ADVANCED RETINAL IMAGING OF PED
Chairs: David Sarraf, Daniel Pauleikhoff

Adrian Au – 3D OCTA volumetric analysis of the progression of vascularized serous PED
David Sarraf - OCT and OCTA evaluation of the mechanism of RPE tears associated with PED
Daniel Pauleikhoff, Frederic Gunnemann - OCTA analysis to assess the response of ped and rpe-tears to Anti VEGF therapy

5' - Discussion

INAUGURAL LECTURE
Chair: Quan Dong Nguyen

Key Note Lecture
Chair: Quan Dong Nguyen

Philip J. Rosenfeld - Advances in choriocapillaris imaging (techniques) and imaging of the choriocapillaris in AMD

ROUND TABLE: OCTA AND EVERYDAY OPHTHALMOLOGY TODAY
Philip J. Rosenfeld, Bruno Lumbruso, Caroline Baumal, Karl Csaky
How has OCTA has changed clinical management

Keynote Lecture
Chair: David Sarraf

K. Bailey Freund - Update on Pachychoroid disease

VISIONS OF FUTURE BY INDUSTRY SENIOR EXECUTIVES
Chairs: James Fujimoto, Bruno Lumbruso

(7min) Optovue - Jay Wei
(7min) Zeiss – TBC
(7min) Nidek - Riccardo Ferraris de Gaspare - Future of Multimodal Wide Field Imaging
(7min) Topcon - TBC
(7min) Heidelberg Engineering - Kester Nahen
(7min) Optopol - Arkadiusz Chalecki - Newest OCT developments
(7min) Canon - Ori Zahavi: The future with Canon

5’ – Discussion

12.50 – 13.35 LUNCH SIMPOSIUM

12.39 – 14.00 – Lunch break

FRIDAY AFTERNOON

HALL A

AMD AND CNV DIABETIC RETINOPATY
OTHER CNV

Chairs: Martine Mauget-Faÿsse, Benjamin Wolff, Yves Salomon Cohen

Sabine Derrien, Elise Scemama-Boulanger, Elsa Laumonier, Benjamin Wolff, Flore DeBats, Vivien Vasseur, Martine Mauget-Faÿsse - Choroidal new vessels in hereditary dystrophies
Elisabetta Pilotto - Retinal function in vascularized fovea
Yves Salomon Cohen - Vascular remodelling of myopic choroidal neovascularization treated with Ranibizumab

5’ – Discussion

APPLICATIONS OF PROJECTION-RESOLVED OCTA

Chair: David Huang

David Huang - Classification of choroidal neovascularization using projection-resolved OCTA
David Huang - Unequal flow alteration in retinal plexuses in different conditions – evidence against series circuit model of retinal blood flow
David Huang - Early detection of diabetic retinopathy with projection-resolved OCTA
Amani Fawzi - Plexus-specific manifestations of retinal diseases
Min Wang - Clinical application of 3D PAR of OCT Angiography

5’ - Discussion

EXUDATIVE CNV AMD 4

Chair: Rufino Silva

Rosa Dolz-Marco - Checklist of neurodegenerative changes in patients with AMD
Roberto Gallego-Pinazo - Relevance of the tomographic classification of CNV in patients with AMD
Miguel Raimundo - Sensitivity and specificity of a fully non-invasive approach (OCT+OCTA) for the diagnosis of wet AMD
João Pedro Marques - Nonexudative CNV in AMD
Marco Lupidi - Hemodynamics of choroidal Cnvs in AMD
Rufino Silva - OCTA in type 3 CNV and fellow eyes
Massimo Nicolò - Early diagnosis of RAP with swept-source OCT and Angio-OCT

5’ – Discussion

NON-EXUDATIVE CHOROIDAL NEOVASCULARIZATION

Chairs: David Huang, Nadia Waheed, Philip J. Rosenfeld

David Huang - Non-exudative CNV is a precursor to exudation
Nadia Waheed - Vascularized drusen in age-related macular degeneration
Philip J. Rosenfeld - OCTA imaging of subclinical non-exudative macular neovascularization
Jeffrey Heier - Prophylactic ranibizumab for exudative age-related macular degeneration
Daniel Martin - Clinical trial of prophylactic anti-angiogenic therapy in high risk age-related macular degeneration

5’ - Discussion

MORPHOLOGY-AND OCTA

Chairs: Barbara Blodi, Thomas Theelen

Thomas Theelen, Vivian Schreu, Artin Domanian, Bart J. Liefers Venuhuizen, Freerk G., B. Jeroen Klevering, Eiko K. de Jong, Carel B. Hoyng - Morphological and topographical appearance of microaneurysms on Optical Coherence Tomography Angiography
Barbara Blodi - Quantification of drusen dynamics using Optical Coherence Tomography (OCT)
Ioannis P. Theocharis - Drusen tectonics and mechanical interpretation of posterior pole kinetics
PATHWAYS OF DISEASE AND PHENOTYPES OF PROGRESSION IN DIABETIC RETINOPATHY

Chairs: José Cunha Vaz, Anat Loewenstein, Francesco Bandello

Edoardo Midena - Neurodegeneration
Isabel Pives - Retinal edema
Cristina Parravano - Microvascular changes
José Cunha Vaz - Microaneurysms turnover
Tiago Rodrigues - Peripapillary and macular neurovascular coupling in early diabetic retinopathy

5' - Discussion

DIABETIC RETINOPATHY 2

Chairs: Francesco Bandello, Nadia Waheed, Anat Loewenstein

Sobha Sivaprasad - Imaging and management of PDR
José Cunha-Vaz - Biomarkers of diabetic retinopathy progression and treatment response
Patricia Udoando - Steroids or VEGF for diabetic retinopathy - imaging parameters and clinical use
Dafna Goldenberg - OCT and OCTA in diabetic macular edema
Marco Lupidi, Felice Cardillo-Piccolino, Anna Caricato, Gabriel Coscas, Carlo Cagini – OCT Angiography assessment of retinal neovascularizations in proliferative diabetic retinopathy
Caroline Baumal - Features of proliferative diabetic retinopathy

5' - Discussion

18.40 – End of the sessions

NORMAL RETINA AND VASCULAR DISORDERS

Chairs: Richard Rosen, Dimitra Skondra, Leopold Schmetterer, Suqin Yu

Dimitra Skondra L., Chun Ba - Differences in macular vascular microenvironment between black and white subjects using Optical Coherence Tomography Angiography
Suqin Yu, Xinxin Li, Xun Xu - Quantitative analysis of vessel density in patients with PAMM lesions using 3D PAR OCTA
Sandrine Zweifel - Pilot- Project for the detection of retinal arterial (micro) emboli after transcatheter aortic valve implantation using OCTA and Fluorescence Angiography
Leopold Schmetterer, Jacqueline Chua, Bingyao Tan, Calvin Woon Loong Chin - Impact of systemic hypertension on choriocapillaris flow voids using Optical Coherence Tomographic Angiography

5' - Discussion

TELANGIECTASIA 1

Chairs: Daniel Pauleikhoff, Ethan Priel

Daniel Pauleikhoff - Progression of vascular changes in OCT-A in macular Teleangiectasis type 2
Ethan Priel - OCTA in Mac Tel – New and complementary multi-modal imagin findings
5’ – Discussion

**TREATMENT AMD AND VASCULAR DISORDERS 1**  
*Chair: Edoardo Midena*

- **Sandro Saviano** - DME: diversified treatments according to patients
- **Simone Donati** - Diabetic retinopathy with or without DME: new treatment options
- **Edoardo Midena** - Recent advances for aflibercept in nAMD e PCV

5’ – Discussion

**THE PILLARS FOR AN OPTIMAL MANAGEMENT OF MACULOPATHY**  
*Chairs: Giovanni Staurenghi, Benjamin Wolff, Francesco Viola*

- **Francesco Viola** - Maculopathies: the right approach for a chronic pathology
- **Maurizio Battaglia Parodi** - Efficacy and safety: from clinical studies to clinical practice
- **Angelo Minnella** - The importance of early diagnosis and early treatment in the clinical practice: the Luminous study
- **Michele Reibaldi** (oppure: Parravano/Furino/Varano) - Clinical and organizational pertinence: an essential duo

5’ - Discussion

**NEUROOPHTHALMOLOGY 1**  
*Chairs: Albert Augustin, Richard Rosen*

- **Albert Augustin** - OCT Angiography and *En face* OCT in neuroophthalmology, update
- **Richard Rosen** - The role of OCT A in the diagnosis and management of Optic Neuropathies
- **Umur Kayabasi** - Arteritic vs. Non Arteritic anterior ischemic optic neuropathy: vascular analysis of the optic nerve head
- **Gilda Cennamo** - Assessment of the peripapillary vascular network in hereditary Optic Neuropathies
- **Marco Lupidi** - OCTA in the evaluation of optic neuritis during the course of Multiple Sclerosis
- **Dilraj Grewal** - Retinal microvasculature and neurodegenerative changes among Alzheimer’s Disease, Mild cognitive impairment, and controls

5’ - Discussion

**ANGIO-OCT AND OCT IN NEURO-OPHTHALMIC DISEASES**  
*Chairs: Y. Joyce Liao, Randy Kardon, Quan Dong Nguyen*

- **Shannon Beres** - TBC
- **Isabella Grumbach** - TBC
- **Randy Kardon** - TBC
- **Mark Kupersmith** - TBC
- **Y. Joyce Liao** - TBC
- **Heather Moss** - TBC
- **Min Wang** - TBC

5’ - Discussion

**TREATMENT AMD AND VASCULAR DISORDERS 3**  
*Chairs: José Cunha Vaz, Ugo Menchini*

- **José Cunha Vaz** - Fluocinolone Acetonide: current indications and outcomes
- **Rosangela Lattanzio** - Fluocinolone acetonide in DME: real world experience
- **Giacomo Panozzo** - Dexamethasone intravitreal implant at the time of cataract surgery in eyes with DME
- **Marco Lupidi** - Shall we stay, or shall we switch? Continued Anti-VEGF therapy versus early switch to dexamethasone implant in refractory diabetic macular edema
- **Ryo Kubota** - Positive diabetic retinopathy outcomes with Emixustat
OTHER RETINAL DISORDERS 1

Jinfeng Qu, Xiaoxin Li - Coherence Tomographic Angiography in acute macular neuroretinopathy
Claire Scemama-Timsit, Elise Scemama-Boulanger, Elsa Laumonier, Sabine Derrien, Vivien Vasseur, Cédric Lamirel, Martine Mauguet-Faÿssse - Retinal OCT as a marker in patients with dominant atrophy and Wolfram syndrome
Vivien Vasseur, Martine Mauguet-Faÿssse - En face OCT interdigitation zone analysis
Martine Mauguet-Faÿssse, Vivien Vasseur, Romain Deschamps - Acute macular neuropathy: a new risk factor
Céline Giraud, Catherine Favard, Vivien Vasseur, Benjamin Wolff, Martine Mauguet-Faÿssse - OCT-A PCV classification
Joseph Carroll - OCTA imaging in congenital achromatopsia
Ugo Introini - Focal choroidal excavation

5' - Discussion

OTHER RETINAL DISORDERS 2

Luisa Pierro - High Hyperreflective Spikes, HFS, a new SD-OCT foveal abnormality sign
Alessio Cerquaglia, Marco Lupidi, Carlo Cagini - New-insights on ocular Sarcoidosis: an OCT Angiography assessment
Catherine Favard, Eric Frau, Sarah Tick, Martine Mauguet-Faÿssse - Contribution of SS-OCT and SS-OCT-Angiography to the analysis of Circumscribed Choroidal Hemangiomas
M B Mekki, A Taibi, M Abdelbaki, H Chakkor, M K B Chabani, R Belaoudmou, S Yahiaoui, O Titah - Relation between the Angio OCT macular density map (AOMDM) in patient with coronary disease versus healthy persons

5' - Discussion

AMD 6

Rita Serra, Florence Coscas, Diogo Cabral, Marco Lupidi, Jean François Boulet, Gabriel Coscas, Eric H Souied - Long-term progression of treatment-naive quiescent choroidal neovascularization in intermediate age-related macular degeneration, by multimodal imaging and Optical Coherence Tomography Angiography
Vittorio Capuano, Giuseppe Querques, Eric Souied, Francesco Bandello - Pigment epitheliumdetachment dimple as a result of hyperreflective sub-retinal membrane
Iori Wada, Shintaro Nakao, Yoshihiro Kaizu, Muneyo Yamaguchi, Mitsuru Arima, Keijiro Ishikawa, Kumiko Kano, Satomi Shiose, Yuji Oshima, Tatsuro Ishibashi, Koh-Hei Sonoda

5' - Discussion
- The evaluation of disease activity in exudative age-related macular degeneration using \textit{En face} hyperreflective foci

\textbf{Vittorio Capuano, Giuseppe Querques, Eric Souied, Francesco Bandello} - Vascular remodelling in geographic atrophy secondary to non-exudative AMD

\textbf{Marco Lupidi, Felice Cardillo-Picolino, Gabriel Coscas, Carlo Cagini} - Hemodynamic variations in choroidal neovascular lesions

\textbf{Yusuf Durlu} - OCT and OCT Angiography findings in asymptomatic patients with exudative age-related macular degeneration

5’ - Discussion

\textbf{TREATMENT AMD AND VASCULAR DISORDERS 4}

\textit{Chairs: Mate Strehlo, Luca Di Antonio, Daniela Bacherini, Ana Rita Santos}

\textbf{Maté Strehlo, Violaine Caillaux, Charlotte Sevin, Marie Julie Bovis} - OCT-A follow-up of radial peripapillary vascularisation during IVI for AMD treatment

\textbf{Grassi Mo, Furino C, Recchimurzo N, Alessio G} - Retinal vessel analysis on OCTA immediately after Anti-Vegf intravitreal injection

\textbf{Claudio Furino, Grassi Mo, Montepara A, Alessio G}. - CNV treated with Ranibizumab and Aflibercept and evaluated by OCTA

5’ - Discussion

\textbf{AMD 7}

\textit{Chairs: Ursula Schmidt-Erfurth: Alexandra Miere, Martin Michl}

\textbf{Martin Michl, Bianca S. Gerendas, Xiaofeng Hu, Sebastian M. Waldstein, Amir Sadeghipour, Ursula Schmidt-Erfurth} - The degree of foveal photoreceptor disruption in treatment-naïve neovascular age-related macular degeneration and diabetic macular edema

\textbf{Alexandra Miere, Giuseppe Querques} - Sub-retinal pigment epithelium multilaminar hyperreflectivity is often seen at the onset of type 3 neovascularization

\textbf{Joana Providência, Miguel Raimundo, João Pedro Marques, Rufino Silva} - OCT Angiography biomarkers in neovascular age-related macular degeneration

\textbf{Florence Coscas, Diogo Ries Cabral, Gabriel Coscas, Eric Souied} – OCT Angiography biomarkers in remission nAMD

\textbf{Karim Raafat} - Value of OCT Angiography in detecting CNV complicating macular dystrophies and degeneration

5’ – Discussion

\textbf{QUIESCENT CNV, OTHER CNV -PCV}

\textit{Chair: Leila El Matri}

\textbf{Leila El Matri} - OCT - Angiography in quiescent choroidal neovascularisation not related to AMD

\textbf{Karim Raafat} - The role of OCT Angiography in non-exudative "silent" choroidal neovascularization (CNV)

\textbf{Isil Sayman Muslubas, Serra Arf, Mumin Hocaoglu} - Membrane patterns in eyes with choroidal neovascularization on Optical Coherence Tomography Angiography

\textbf{Céline Giraud, Catherine Favard, Vivien Vasseur, Benjamin Wolff, Martine Mauget-Faÿsse} - OCT-A PCV classification

5’ - Discussion

17.53 – End of the sessions
QUANTITATIVE OCTA 1
Chairs: Richard Rosen, Amir Kashani
Amir Kashani - Quantitative OCTA metrics for assessing DR progression
Diogo Reis Cabral, Florence Coscas, T. Pereira, Marta Vila-Franca, Alexandre Pedinielli, Alexandra Miere, Alexandre Sellam, Gabriel Coscas, Eric Souied - Quantitative OCT Angiography for neovascular age related macular degeneration: six months follow-up study
Daniel Pauleikhof - Mathematical characterization of CNV in AMD with OCT Angiography
Marion Munk - Cataract significantly influences quantitative measurements on swept-source Optical Coherence Tomography Angiography imaging
5' - Discussion

MEASUREMENTS OF CAPILLARY DROP OUT IN DIABETIC RETINOPATHY
Chairs: José Cunha Vaz, Richard Rosen
Luis Mendes
Giuseppe Querques
Richard Rosen
Alain Gaudric, Benedicte Dupas
José Cunha Vaz - Capillary dropout and disease progression
5' - Discussion

VESSEL DENSITY: RELIABILITY AND LIMITATIONS
Chairs: Alain Gaudric, David Sarraf, José Cunha Vaz, Joseph Carroll
Aude Couturier - Comparison between capillary perfusion on UWF FA and capillary flow detection of WF SwS OCTA
Nadia Waheed - Quantifying microvascular changes in diabetic eyes
Benedicte Dupas - Accelerated loss of retinal capillaries in ischemic maculopathy
Richard Rosen - FAZ metrics or vessel density: what are the best parameters to measure capillary non-perfusion?
David Sarraf - FAZ and macular vascular density after Anti VEGF for CME
5' - Discussion

QUANTITATIVE ANALYSIS
Chairs: Richard Rosen, Suqin Yu
L.M. Smid, C.A.J. Willems, M.E.J. van Velthoven, K.A. Vermeer - Quantitative analysis of RAP lesion size on OCTA images
Catarina Rodrigues, Diogo Cabral, Telmo Pereira, Hemaxi Narotamo, Marta Vila-Franca, Paulo Rosa, Sandra Barrão, Florence Coscas - Quantitative automatic analysis of choroidal neovascularization blood flow aspect
Richard Rosen, Vas Sadda, Barb Blodi - Factors in developing normative OCTA databases
Toco Chui, Richard Rosen, Amani Fawzi, Mahnaz Shahidi, Barb Blodi - Image metrics and biomarkers in OCTA imagery
5' - Discussion

PEDIATRICS
Chairs: Xavier Zanlonghi, José Mª Ruiz Moreno, Ourida Ouhadj, Leila Vajzovic
María Alarcón, Bachar Kudsieh, Esther Casado, José Mª Ruiz Moreno - Macular and peripapilar vascular changes measured by OCTA in children with optic nerve drusen
Rachid Chigara, Amine Haddad, Ourida Ouhadj - Intravitreal anti-VEGF in retinopathy of prematurity management
Isa Sobral - OCTA in Amblyopia
Lejla Vajzovic - Portable Optical Coherence Tomography Angiography: a new tool for evaluating retinal diseases in infants and children
Rachid Chigara, Amine Haddad, Y Ouldbouamama, I N Taibi, Ourida Ouhadj - Intravitreal anti-VEGF monotherapy in retinopathy of prematurity management, a case series of our first 10 eyes
5’ - Discussion

17.06 – End of the sessions

SATURDAY DECEMBER 15
SATURDAY MORNING

HALL A

8.00 – 8.45 – IMAGE INTERPRETATION SYMPOSIUM
Moderator: Bruno Lumbroso

Bruno Lumbroso - Introduction
Adil El Maftouhi - OCTA pre- and per-acquisition tips: when to dilate the pupil? How to acquire images in the periphery ond of the anterior segment? Etc.
Marco Rispoli - If it isn’t blood flow then what is it? Differentiating hyperreflective materials and suspended particles in motion from Erythrocytes movement
Alexandra Miere - D PAR: RIP projection artifacts
Luca Di Antonio - Post acquisition image Interpretation routine: segmentation check and Editing, ruling out artifacts, quantification, etc.

TECHNOLOGY, IMAGING, HISTOLOGY

ADVANCES IN OCT/OCTA TECHNOLOGY1
Chairs: James Fujimoto, Ravi Jonnal

Claude Boccara - Cellular resolution imaging of the eye structures by full field OCT
Ravi Jonnal - Measuring photoreceptor morphology and function with adaptive optics OCT
Micheal Pircher - Micro-Angiography through adaptive optics optical coherence tomography
Yoshiaki Yasuno, Shuichi Makita - Simplified polarization sensitive for simultaneous imaging of RPE and vascular abnormalitie
James Fujimoto - Advances in speed and resolution in SS-OCT and SD-OCT
5’ - Discussion

ADVANCES IN OCT/OCTA TECHNOLOGY2
Chairs: James Fujimoto, Ruikang Wang

Ruikang Wang - Quantitative imaging of choriocapillaris using swept source OCTA
Yoshiaki Yasuno, Shinnosuke Azuma, and Deepa Kasaragod - Segmentation of retinal tissue using polarization sensitive OCT
Eric Moul - Variable interscan time analysis OCTA for assessing retinal and choriocapillaris vasculature
Peter Koch - A compact full-field OCT device for home-care applications
Yuankai Tao - Intraoperative OCT
5’ – Discussion

TECHNOLOGICAL DEVELOPMENTS BY CLINICIANS AND ENGINEERS
Chairs: James Fujimoto, Wolfgang Drexler, Philip J. Rosenfeld
(7min) Optovue - TBC
(7min) Zeiss - TBC
(7min) Nidek - Riccardo Ferraris de Gaspare - Next phase of Nidek OCT
(7min) Topcon - TBC
(7min) Heidelberg Engineering - TBC
(7min) Canon - Ori Zahavi: State of the Art OCTA imaging
(7min) Optopol - Bartosz Sikorski - Biometry and Keratometry OCT in clinical practice
5’ – Discussion

HISTOLOGICAL VALIDATION OF OCT SIGNATURES IN AMD
Chairs: Christine A. Curcio, K. Bailey Freund
Christine A. Curcio - Optimizing tissue recovery, preparation, and microscopy of human donor eyes for imaging-histology correlations in AMD
Rosa Dolz-Marco - Clinicopathologic correlation of geographic atrophy in AMD
Daniela Ferrara - What did we learn about GA from clinicopathologic correlation?
Miaoling Li - Clinicopathologic correlation of aneurysmal type 1 neovascularization (aka PCV) in AMD
Belinda C.S. Leong - RPE migration in AMD
Serena Fragiotta - Eye-tracked OCT identifies the origin of highly reflective cholesterol crystals in non-neovascular AMD
(5’) Discussion

HISTOLOGY WORTH PAYING ATTENTION TO, FOR OCT
Chair: Christine Curcio
Gerard A. Lutty - Choriocapillaris health and degeneration at different stages of AMD
Dennis M. Dacey - A connectomics approach to understanding variation in human foveal morphology
Andreas Pollreisz - Reflective organelles in human RPE visualized via volume electron microscopy
John M. Nickerson - Retinal pigment epithelium morphology in experimental wound healing treatment
Benjamin S. Sajdak - Imaging-histology correlations in cone-dominated retinas
5’ – Discussion

PATHOPHYSIOLOGICAL MECHANISMS IN THE RETINAL CAPILLARY PLEXUS
Chairs: David Sarraf, Michel Paques, David Huang
Ramin Tadayoni - Physiological considerations in understanding ischemia progression in the retinal capillary plexus
Michel Paques - Arterial inflow and venous outflow in the retinal capillary plexus
David Sarraf - The ischemic cascade in the retinal capillary plexus
Francesco Pichi - Cilio artery insufficiency always causes PAMM
5’ – Discussion
TECHNOLOGY

Chairs: Adrian Podoleanu, Francine Behar Cohen
Adrian Podoleanu, Adrian Bradu, Manuel Marques, Ramona Cernat - Progress in the fast display of en-face OCT images
T. Laforest, D. Carpentras, M. Künzi, L. Kowalczuk, Francine Behar-Cohen, C. Moser - Cellular resolution retinal pigment epithelium imaging with transscleral optical phase imaging (TOPI)
5' - Discussion

13.23 – 14.20 - Lunch break

HALL E

ZEISS

8.00 - 8.45 - SIMPOSIUM

IMAGING, ARTIFICIAL INTELLIGENCE AND CHOROID

CONTROVERSIES REGARDING THE NORMAL CIRCULATION
Chair: Srinivas Sadda
David Huang - Organization and nomenclature for the retinal circulation
David Sarraf - The retinal capillaries are organized in series.
Srinivas Sadda - New insights into the retinal circulation revealed by high-resolution OCT-A
Joseph Carroll - Foveal avascular zone metrics variability in Optical Coherence Tomography Angiography
5' - Discussion

IMAGING
Chair: Carl Glittenberg, Paolo Lanzetta, Jean Michel Muratet
Carl Glittenberg - Fusing Swept Source OCT-A flow data with structural Swept Source OCT data to increase diagnostic quality
Leonardo Mastropasqua - Widefield swept-source OCT Angiography in diabetic retinopathy
Jean-Michel Muratet - Oct Angiography and non midiatric confocal retinopathy
Rishard Weitz - New recent innovations in the field wide-field retinal imaging
Tianwei Qian, Tianyu Cheng, Hao Zhou, Xiaoli Yu, Suqin Yu, Xun Xu - Clinical applications of wide-angle OCT Angiography in retinal vascular diseases using montage angio model
Pasquale Viggiano, Federica Evangelista, Enrico Borrelli, Leonardo Mastropasqua - Wide field Optical Coherence Tomography Angiography of the choriocapillaris in healthy eyes
5' - Discussion

ARTIFICIAL INTELLIGENCE in RETINAL IMAGING 1 (INCLUDING OCTA AND OCT)
Chair: Caroline Baumal, Anat Loewenstein
Ursula Schmidt-Erfurth - The future of AI in retina
Hrvoje Bogunovic - Fluid and function – an analysis by AI
Karl Csaky - Human computational analysis input in machine learning of OCT images
Sunny Virmani (Google) - AI in retinal imaging
**Dante Pieramici** - Leveraging machine learning to diagnose referable retinal diseases in “developing Countries”

5’ – Discussion

**ARTIFICIAL INTELLIGENCE in RETINAL IMAGING 2**

*Chairs: Ursula Schmidt-Erfurth, Paolo Lanzetta, Anat Loewenstein*

**Harald Schnidar** - Dermatology-diagnosis by artificial intelligence

**Bianca Gerendas** - Automated diabetes screening

**Ralf Huss** - Digital pathology: the definien model

**Daniel Rückert** - Digital brain analysis for Alzheimer’s disease

**Jens Thygesen** - RetinaLyze: artificial intelligence - Impact on screening and diagnostics now and in the future

**Valentina Sarao** - Artificial intelligence and diabetic retinopathy screening

5’ – Discussion

**RETINAL VESSEL PATTERN AND DENSITY RELIABILITY AND LIMITATIONS**

*Chairs: Alain Gaudric, Bailey K. Freund*

**Michel Pâques** - 3D organization of retinal capillary in pigs on confocal microscopy

**Alain Gaudric** - Normal vessel density in the macula, using projection artifact removal

**Mathias Salas** - Role of AO OCTA in the assessment of retinal capillary anatomy

**Bailey K Freund** - Venous collaterals in sequelae of BRVO

**Valérie Krivosic** - Familial retinal arterial tortuosity

5’ - Discussion

**OCTA EVALUATION OF THE CHORIOCAPILLARIS**

*Chairs: David Sarraf, Enrico Borrelli, Srinivas Sadda*

**David Sarraf** - Pathoanatomical considerations in evaluation of the choriocapillaris and choroid

**Jay Duker** - OCTA of the choroid in macular diseases

**Enrico Borrelli** - Swept Source OCTA evaluation of the choriocapillaris in AMD

**Srinivas Sadda** - Future directions in the evaluation of the choroid

5’ - Discussion

**CHOROID 1 STUDY BY SS OCT AND OCTA**

*Chair: José Mª Ruiz Moreno*

**Francine Behar-Cohen, Rufino Silva, Luis Arias, Jorge Ruiz-Medrano, Iñaki Flores** - Choroid in CSCR

**Rufino Silva** - Choroid in polypoidal vasculopathy

**Luis Arias** - Choroid in RAP

**Jorge Ruiz-Medrano** - Choroid in atrophic AMD

**José Mª Ruiz Moreno, Jorge Ruiz-Medrano, Juan Manuel López-Villalta** - Vascular density study by OCTA: age related changes

**Iñaki Flores, José Mª Ruiz Moreno** - Choroid study by SS-OCT and A-OCT in myopic choroidal neovascularization

5’ – Discussion

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13.23 – 14.20 - Lunch break

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**13.25 – 14.10 - LUNCH SYMPOSIUM**
OCT ANGIOGRAPHY AND WHITE DOT SYNDROMES

Chair: Albert Augustin

Albert Augustin - Update: OCT Angiography and multi-modal imaging in the diagnosis of White Dot-Syndromes
Piergiorgio Neri - Acute posterior multifocal placoid pigment epitheliopathy and Birdshot
Carreño Ester - Chorioretinopathy: Multi-modal evaluation with the aim of OCT Angiography
Di Carlo Emiliano - The role of OCT Angiography in the management of Punctate Inner Choroidopathy and Serpiginous Choroiditis
Pichi Francesco - Multi-modal imaging approach to multiple evanescent White Dot Syndrome

5' - Discussion

NEUROOPHTHALMOLOGY 3

Chairs: Albert Augustin, Amar Ailem, Gilda Cennamo

Amar Ailem - Neuropathies optiques inflammatoires et OCT
Umur Kayabashi - Novel SD-OCT and OCT-A findings in Alzheimer's, Parkinson's and MS
Gilda Cennamo - OCTA detects retinal vascular alterations in different phases of Multiple Sclerosis
João Pedro Marques - Peripapillary and macular neurovascular coupling in dominant Optic Atrophy

5' - Discussion

MACULAR EDEMA

Chairs: Amir Kashani, Michel Paques

Amir Kashani - Retinal vascular changes associated with macular edema
Michel Paques - Photoreceptor misalignment: a common complication of macular edema
Edoardo Midena - The pathophysiology of early diabetic retinopathy the integration of OCTA and retinal function tests
Marion Munk - The impact of GCL cysts in DME

5’ – Discussion

SURGERY

Chairs: Sanislao Rizzo, Frank Becquet, Jean François Le Rouic, Gabriele Thumann

Stanislao Rizzo - Macular hole: an integrated evaluation with OCT Angiography and microperimetry
Michael Engelbert-Talia Kaden, Belinda Leoung - Swept Source OCT En-face imaging of vitreous reveals topographic relationship of premacular bursa, Cloquet’s canal, prevascular vitreous fissures and cisterns
Frank Becquet Delaunay S, Jean François Le Rouic, Elisabeth Badat I, Hermouet-Leclerc, Pousset-Decré C, Pascal Peronnet - Inverted flap technique postoperative features of retinal surface after inverted flap, foveal sparing or free ILM patch technique for macular hole repair
Nesrine Abroug, Imen Ksiaa, Wejdane Nabi, Sana Sayadi, Bechir Jelliti, Sana Khochtali, Moncef Khairallah - Perifoveal vascular changes after successful rhegmatogenous retinal detachment repair: A SS OCT Angiography study
Gabriele Thumann - The “Ala Octa” incident: serious retinal toxicities after using a European-wide approved perfluorooctane
Heijan J. Ng, D. Feilzer, E. C. La Heij, K.A. Vermeer - Repeatability of vessel density measurement with OCTA in patients after retinal detachment surgery

5’ - Discussion
ONCOLOGY

Chairs: Leonidas Zografos, Michel Puech


Neda Abraham, Karine Hawa, Michel Puech - Small choroidal pigmented lesions: OCT-A and ultrasound imaging correlation.

Sofia Sousa Mano, Filipa Teixeira Joaquim, Prates Canela, Filomena Pinto - Optical coherence tomography of circumscribed choroidal hemangioma

Sofia Sousa Mano, Raquel Esteves Marques, Ana Fonseca, Fátima Campos Filomena Pinto - Spectral-domain optical coherence tomography of retinal hamartomas in tuberous sclerosis

5’ – Discussion

11.56 – 14.15 Lunch break

HALL D

QUICK FIRE SESSION, READING CENTERS, PACHYCHOROID

QUICK FIRE SESSION

Anita Leys, Martine Maugé Faysse, Gabriele Thumann

Sara Vaz-Pereira, Luís Collaço - Multimodal imaging of retinal arteriovenous malformation in Wyburn-Mason syndrome

Sandrine Zweifel - Swept source Optical Coherence Tomography findings in patients with Fabry disease

Kaïs Ben Abderrahim - Corneal lesions caused by desert truffles

Inge Sarens, Julie Jacobs, Anita Leys - A heavy smoker with bilateral nAMD at age 60

Dot Corinne, El Chehab Hussam, Mathis Thibaud, Bellocq David, Agard Emilie, Kodjikian Laurent - Multimodal imaging and swept-source OCT-A in choroidal osteoma complicated by quiescent neovascularization: a case study

H. Sassi, J. Brour, M. Ouederni, A. Hassairi, M. Cheour - The use of multimodal imaging in the monitoring of acute posterior multifocal placoid pigment epitheliopathy

Fatiha Karaouat, Rachid Garout - IRVAN or IRAA Syndrome? That is the question

CLINICAL OCT ANGIOGRAPHY TODAY

Chairs: Lee Jampol, Amani Fawzi, Pascal Peronnet

Lee Jampol, Amani Fawzi, Al Fayed - Is OCT Angiography a requirement for care of patients at the present moment

Omar Trabelsi - iOCT in 2018: advantages and limits

Pascal Peronnet, Jean Francois Le Rouic - Two-year management of age-related macular degeneration without Angiography

Ajit K Thakur - OCTA- An important diagnosing tool for chorioretinal pathology: a case series from Nepal

OCT/OCTA AS AN ENDPOINT FOR CLINICAL TRIALS

Chairs: Caroline Baumal, Karl Czaky, Philip J. Rosenfeld

Philip J. Rosenfeld - OCTA in prospective clinical studies (get all the reading centers involved and investigators)

5’ - Discussion
IMAGING OUTCOMES AND ENDPOINTS IN RETINAL VASCULAR DISEASE CLINICAL TRIALS

Chairs: Quan Dong Nguyen, Tien Ying Wong

Diana Do - TBC
Jeff S. Heier - TBC
Jean-Francois Korobelnik - TBC
Theodore Leng - TBC
Philip J. Rosenfeld - TBC
Ruw An Silva - TBC
Tien Ying Wong - TBC

5’ - Discussion

THE ROLE OF READING CENTERS IN CLINICAL TRIALS – A SYMPOSIUM

Moderators: Quan Dong Nguyen, Brandon Lujan

Panelists:
Barbara Blodi
Srinivas Sadda, or Michael Ip
Yasir J. Sepah
Nadia Waheed
Sebastian Wolf

PACHYCHOROID-CSC

Chairs: Bailey Freund, Royce Chen, Joanna Golebiewska, Irmela Mantel

Royce W. S. Chen - OCT-Angiographic distinctions between neovascular age-related macular degeneration and central serous retinopathy
Joanna Gołębiewska, Joanna Brydak-Godowska, Monika Turczyńska - Correlation between choroidal neovascularization shown by OCT - Angiography and choroidal thickness in patients with chronic central serous chorioretinopathy
Elisabeth Hermouet - Multimodal imaging of peripapillary pachychoroid syndrome
Attila Kovacs, Rozsa Degi - Was this really wet AMD I treated? – case reports of pachychoroid neovascularopathies
K.Romdhane, Irmela Mantel - Intravitreal anti-VEGF injections for choroidal neovascularisation complicating central serous chorioretinopathy: treatment outcomes assessed on multimodal imaging including Optical Coherence Tomography Angiography
Monia Cheour, Meriem Ouederni, Hela Sassi, Fehmy Nefaa, Mouna Bellaaj, Ji Hen Brour - OCT Angiography monitoring of choroidal neovascularisation in chronic central serous chorioretinopathy after anti-VEGF treatment
Maltsev DS, Kulikov AN, Chhablani J - Optical coherence tomography-guided identification of leakage point in central serous chorioretinopathy: a base for fluorescein Angiography-free focal laser photoacoagulation
Rim Maalej, Imène Zhioua Braham - Optical Coherence Tomography Angiography in an atypical case of central serous chorioretinopathy complicated by retinal neovascularisation

5’ – Discussion

12.43 – 14.15 Lunch break

SATURDAY AFTERNOON
MULLER CELL IN MACULAR DISEASE  
*Chair: David Sarraf*

Christine Curcio - Muller Cell in macular disease: clinicopathologic concepts and correlations
Andrea Govetto - The Muller Cell Cone and the development of macular holes
Giulia Corradetti - Muller cell footplates: can they be detected with *En face* OCT?
Eduardo Navajas - Progression of inner retinal dimples after ILM removal
David Sarraf - Summary of the clinical implications of Muller cell maculopathy

5’ - Discussion

RELATION BETWEEN IMAGING AND MOLECULAR BIOMARKERS  
*Chairs: Yasir J. Sepah, Aniruddha Agarwal, Quan Dong Nguyen*

Itay Chowers - TBC
Kunal Dansingani - TBC
Alessandro Invernizzi - TBC
Vinit Mahajan - TBC
Darius Moshfeghi - TBC
Yasir J. Sepah - TBC
Syed Mahmood Shah - TBC –

5’ Discussion

TRANSLATIONAL ADAPTIVE OPTICS RETINAL IMAGING  
*Chairs: Alfredo Dubra, Marco Lombardo*

Robert Zawadzki - TBC
Ravi Jonnal - TBC
Alfredo Dubra - TBC
Joel Schuman - TBC
Michael Pircher - TBC
Don Miller - TBC

5’ - Discussion

Rishard Weitz - Time Elapsed Studies of Retinal Vasculature using AO SLO - What do they tell us?

RETINAL LEAKAGE  
*Chair: José Cunha Vaz*

João Pedro Marques - OCT-Leakage. A non-invasive alternative to Fluorescein Angiography
José Cunha-Vaz - OCT-leakage. Role in the characterization of retinal edema
Claudia Farinha - OCT-Leakage in neovascular AMD. Identification of CNV activity

5’ - Discussion

TELANGIECTASIA  
*Chairs: Daniel Pauleikhoff, Ethan Priel, Thomas Theelen, Leila El Matri*

João Bernardes, Miguel Raimundo, Cláudia Farinha, Maria da Luz Cachulo, Isabel Pires,
João Figueira, Rufino Silva - Qualitative and quantitative OCT Angiography characterization of macular telangiectasia type 1
Zhao Yue, Yao Jin - Quantitative OCT Angiography in the evaluation of anti-VEGF treatment effect in macular telangiectasis type 1
Thomas Theelen, Anita de Breuk, Vivian Schreur, Michel Teussink, Carel Hoyng - Vascular flow changes in macular telangiectasia type 2 in Optical Coherence Tomography Angiography
Elena Pedanova, Dmitry Buryakov - Macular Telangiectasia 2, retinal angiomatous proliferation (RAP) or branch retinal vein occlusion (BRVO)? Use of multimodal imaging for differential diagnosis

Lutsenko Nina, Rudycheva O., Isakova O., Kyrylova T., Unguryan N. - Our experience of Optical Coherence Tomography-Angiography in the diagnosis of type 2 macular telangiectasia

M. Giray Ersoz, Murat Karacorlu - Macular telangiectasia type 2: acircularity index and quantitative assessment of foveal avascular zone using Optical Coherence Tomography Angiography

Constantin Pournaras - OCT-A guided focal photocoagulation of perifoveal telangiectasias

5’ – Discussion

18.03 - End of the sessions

HALL B

GLAUCOMA, ONCOLOGY

OCTA IN GLAUCOMA 1

Chairs: David Huang, Natalia I. Kuryshева, Richard Rosen, Gabor Hollo

David Huang - Simulating visual field with OCTA
David Huang - Localizing glaucoma damage with OCTA
Linda Zangwill - Utility of OCTA from early to late Glaucoma
Natalia I. Kuryshева - OCTA in the prediction of Glaucoma
Richard Rosen - Quantitative OCTA for glaucoma assessment
Gabor Hollo - Detecting Glaucoma progression with OCTA
Goji Tomita - Focal macular ERG and OCTA in early Glaucoma

5’ - Discussion

OCTA IN GLAUCOMA 2

Chairs: David Huang, Michel Puech, Natalia I. Kuryshева, Saja Sefic Kasumovic

Sanja Sefić Kasumović, Aida Kasumović, Tarik Halimić, Nesina Avdagić - Assessment of perfused peripapillary capillaries and PCD maps in Glaucoma patients
Umur Kayabashi - Detection of pre-perimetric POAG by OCT macular ganglion cell complex analysis and OCT- A of optic nerve fiber layer. A comparison of both methods
Theodoros Filippopoulos, Sotiria Palioura - Filtration bleb wound healing monitoring with anterior segment Optical Coherence Tomography (OCT) and OCT Angiography after guarded trabeculectomy
Lila Hafiz - Interest of macula exploration in glaucoma patients

5’ - Discussion

PERIPAPILLARY VASCULARIZATION

Chairs: Michel Puech, Svetlana Zhukova

Gyu-Nam Kim, Eun-Ji Lee, Tae-Woo Kim - Comparison of peripapillary retinal vessel density and circumpapillary retinal nerve fiber layer thickness to predict degree of glaucomatous visual field damage - a comparison of the floor effects
Michel Puech, Mourtaza AImadaly - OCT-A and radial peripapillary vascularisation in glaucoma: structure and function analysis
Svetlana Zhukova, Tatiana Iureva - Assessment of the condition of the Zinn-Haller arterial ring vessels as an additional diagnosis criterion for glaucoma associated with myopia
Etienne Bodart - Relationship between intra-ocular pressure and macular and papillary retinal capillary flows
Meriem Ouederni, Insaf Mrad, Hela Sassi, Monia Cheour - Assessment and variability of the iridocorneal angle: an anterior segment Optical Coherence Tomography study
5’ - Discussion

ONCOLOGY OPTIC DISC
Chairs: Leonidas Zografos, Jakub Kaluznys

Michel Paques, Sarah Tick - Radiation retinopathy and choroidopathy: new insights from multimodal imaging
Raffaele Parrozzani - OCTA peripapillary circulation in radiation retinopathy
Jakub J. Kaluzny, Przemysław Zabel, Martyna Gębska Toloczko, Karolina Suwała, Monika Wilkosc Debczynska, Aleksander Araszkiewicz, Martyna Kaluzna - OCTA of the optic nerve head and macula in patients with Alzheimer's disease and glaucoma
Neringa Jurkute Adnan Tufail, Pearse A. Keane, Andrew Webster, Patrick Yu-Wai-Man, Peter M. Maloca - In vivo vessel volume quantification in Leber's hereditary optic neuropathy (LHON) during the disease conversion and progression
Leonidas Zografos - Iris ICG-Angiography in the diagnosis and management of anterior segment intra-ocular tumor.
5’ – Discussion

17.02 – End of the sessions

HALL C
UVEITIS, INFLAMMATIONS

IMAGING OUTCOMES AND ENDPOINTS IN UVEITIS CLINICAL STUDIES
Chairs: Quan Dong Nguyen, Vishali Gupta

Aniruddha Agarwal - TBC
Andrew Dick - TBC
Vishali Gupta - TBC
Phuc LeHoang - TBC
Elisabetta Misericocchi - TBC
Quan Dong Nguyen - TBC
Harvey Uy – TBC
5’ - Discussion

OCTA AND BEYOND MULTIMODAL IMAGING IN UVEITIS: INSIGHTS INTO PATHOLOGY FROM TECHNOLOGY
Chair: Marion Munk

Amir Kashani - Longitudinal analysis of retinal vascular changes in subjects with Uveitis
Dilraj Grewal - DRIL in uveitis associated CME
Francesco Pichi - Wide-field OCTA analysis of leakage in retinal vasculitis
Michal Kramer - Inflammatory chorioretinopathies: what have we learned from OCT-A
Debra Goldstein - Imaging in the assessment of disease activity in Birdshot
Emmett Cunningham - Multimodal imaging of checkpoint inhibitor-induced Uveitis
Elisabetta Pilotto - Imaging inflammatory biomarkers: response to different treatments
5’ – Discussion

INFLAMMATION 1
Chairs: Moncef Khairallah, Vishali Gupta Anna Wozniak, Martine Mauguet Faysse, Marion Munk
Sourour Zina, Nesrine Abroug, Hajer Ben Amor, Anis Mahmoud, Sonia Zaouali, Sonia Attia, Moncef Khairallah - Swept-source OCT Angiography and uveitic cystoid macular edema
Spoorti Krishna Reddy Mandadi, Navya Cherukuri, Bhavik Panchal, Shreyansh Doshi, Avinash Pathengay - OCT Angiography in post-fever vasculitis
Catalina Dumitrescu - Review of OCT and OCTA role in Susac syndrome
Natalia A. Skvortsova - Enhanced S-cone syndrome misdiagnosed as retinal vasculitis (OCT and OCT-A tips)
Martine Mauget-Faÿsse, Vivien Vasseur, Romain Deschamps - Acute macular neuropathy: a new risk factor
5’ – Discussion

INFLAMMATION 2

Chairs: Moncef Khairallah, Vishali Gupta Anna Wozniak, Martine Mauget Faysse Marion Munk
Imen Ksiaa, Sana Khochtali, Marouane Lahderi, Nesrine Abroug, Bechir Jelliti, Sonia Attia, Moncef Khairallah - Swept source OCTA findings in patients with systemic lupus erythematosus
Sana Khochtali, Amal Kadri, Sourour Zina, Imen Ksiaa, Bechir Jelliti, Sonia Attia Moncef Khairallah - Swept source OCT and OCTA in toxoplasmic retinochoroiditis
Arthi Venkat, Sunil Srivastava, Andrew Zheng; Tan Xu; Ashley Lowe, Kimberly Baynes, Peter Kaiser, Careen Lowder, Sumit Sharma - Swept Source Optical Coherence Tomography Angiography choroidal imaging in sarcoidosis and birdshot chorioretinopathy
5’ – Discussion

17.09 End of the sessios

VASCULAR DISORDERS, HEREDITARY DISORDERS

MICROVASCULATURE

Chairs: Vivien Vasseur, Zhao Yue, Lisa Toto
Zhao Yue, Sun Guang Li, Yao Jin - Quantitative OCT Angiography for FAZ measurements in ischemic branch retinal vein occlusion as predictive factors for visual prognosis
Rita Laiginhas, Pedro Pereira Rodrigues, João Chibante-Pedro, Manuel Falcão - OCT Angiography repeatability – evaluation of three approaches for microvasculature quantification
Alonso Plasencia M, Abreu González R, Díaz Rodríguez R, Alberto Pestano M, Gil Hernández MA - Foveal avascular zone parameters in diabetic eyes and healthy subjects measured by Optical Coherence Tomography Angiography
Maltsev DS, Kulikov AN, Burnasheva MA - Personalized analysis of foveal avascular zone with Optical Coherence Tomography Angiography
5’ – Discussion

VASCULAR OCCLUSION

Chairs: Royce Chen, Alexandra Miere, Mojtaba Abrishami, Kotaro Tsubai
Mojtaba Abrishami - OCT Angiography of retinal artery occlusion
Kotaro Tsubai - Gap in capillary perfusion on OCT Angiography associated with persistent macular edema in branch retinal vein occlusion
Alexandra Miere, Florence Coscas, Eric Souied - Retinal vein occlusion longitudinal Analysis of quantitative biomarkers using Optical Coherence Tomography Angiography
Sen Piyali, Nunez Do Rio J, Di Nunzio C, Sivaprasad S - Optical Coherence Tomography Angiography: association of disorganization of retinal inner layers with quantitative microvascular analysis in central retinal vein occlusion

5' – Discussion

VASCULAR DISORDERS

Chairs: Royce Chen, Alexandra Miere, Mojtaba Abrishami

Royce W. S. Chen - OCT-Angiography in adolescent sickle cell retinopathy

M B Mekki, A Taibi, M Abdelbaki, H Chakkor, M K B Chabani, R Belaoudmou, S Yahiaoui, O Titah - Relation between the angio OCT macular density map (AOMDM) in patient with coronary disease versus healthy persons

David Cordeiro Sousa, Inês Leal, Susana Moreira, Patrícia Dionísio, Sónia do Vale, Ana S. Silva-Herdade, Miguel ARB Castanho, Luís Abegão Pinto, Carlos Marques-Neves - OCT-Angiography study of the retinal vascular autonomic response to the Handgrip test

5' - Discussion

HEREDITARY DISORDERS- RARE DISORDERS

Chairs: Isabelle Meunier, Daniela Bacherini, Luca Di Antonio

Isabelle Meunier - Sémiologie en OCT spectral dans les dystrophies rétiniennes héréditaires aux stades précoces

Sabine Derrien, Elise Scemama-Boulanger, Elsa Laumonier, Benjamin Wolff, Flore DeBats, Vivien Vasseur, Martine Mauguet-Faÿsse - Choroidal new vessels in hereditary dystrophies

Claire Scemama-Timsit, Elise Scemama-Boulanger, Elsa Laumonier, Sabine Derrien, Vivien Vasseur, Cédric Lamirel, Benjamin Wolff, Martine Mauguet-Faÿsse - Retinal OCT as a marker in patients with dominant atrophy and Wolfram syndrome

Daniela Bacherini, Andrea Sodi, Gianni Virgili, Stanislao Rizzo: Oct Angiography in retinitis pigmentosa

Luca Di Antonio - OCTA findings in X-linked retinoschisis

5' - Discussion

DIABETIC RETINOPATHY

Chairs: Nadia Waheed, José Mª Ruiz Moreno


José M Ruiz-Moreno, Javier Iturria, Elena Almazán - OCTA findings of early neurovascular damage in diabetics patients with diabetic retinopathy and non proliferative diabetic retinopathy

R Zhioua, I Zhioua Braham - Analysis of the vitreomacular interface in treatment-naive patients with diabetic macular edema: Swept-Source optical coherence tomography study

I Zhioua Braham, H Kaouel - OCT-Angiography findings in diabetic patients with and without diabetic macular edema: a comparative study

Hela Kaouel, I. Zhioua Braham - Correlation between microvascular abnormalities and severity of diabetic retinopathy using Optical Coherence Tomography Angiography

Nihal A. Hassan - Correlation between choroidal thickness and OCT –A in diabetic patients using Triton Swept source OCT
5’ - Discussion

MISCELLANEOUS
Chair: Luca Di Antonio

Luca Di Antonio - OCTA vascular changes and aqueous humor cytokines changes after Aflibercept intravitreal injection in treatment-naive myopic CNV

Kaushal Vairagi, Pooja Gupta, Amit Pandey, Umesh K Tiwari, Samir K Mondal - Extended depth of focus and high lateral resolution in Optical Coherence Tomography imaging using Deep seated negative axicon

Ahmad Masoomi, Houshang Faghihi, Pouran Fadaka, Masoud Mirghorbani, Mojtaba Abrishami - Corneal lubrication effects on image quality of OCT Angiography
5’ - Discussion

IMAGE GALLERY AWARDS
Joe Carroll, Brandon Lujan

18.00 – End of the sessions