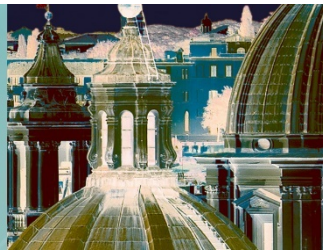


6TH INTERNATIONAL CONGRESS ON OCT ANGIOGRAPHY AND ADVANCES IN OCT



Rome

December 14 and 15, 2018

Ergife Palace Hotel

Via Aurelia, 619

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 Lumbroso, 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 Lumbroso

(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-Fayssse, Benjamin Wolff, Yves Salomon Cohen

Sabine Derrien, Elise Scemama-Boulanger, Elsa Laumonier, Benjamin Wolff, Flore DeBats, Vivien Vasseur, Martine Mauget-Fayssse - 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 Venhuizen, 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

Vivien Vasseur, Anne Sophie Alonso, Sabine Derrien, Sophie Thevenin, Laurence Salomon, Martine Mauget-Fajÿsse - *En face* OCT interdigitation zone analysis
5' - Discussion

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

HALL B

VASCULAR DISORDERS, NEURO OPHTHALMOLOGY

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 imaging 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

Ana Rita Santos, Dalila Alves, Jay C. Wang, Inês Láins, Rufino Silva, João Figueira, José G. Cunha-Vaz - Choroidal predictors for visual response to Anti-VEGF treatment in DME patients, using Swept Source OCT

Pavol Kusenda - Treat and extend vs. fixed regimen for the treatment of wet age-related macular degeneration in treatment-naïve patients – Twelve-month real-life outcomes

Ryo Kubota - A novel oral therapy for Stargardt disease
5' – Discussion

18.33 – End of the sessions

HALL C

RETINAL DISORDERS, AMD, CNV

OTHER RETINAL DISORDERS 1

Chairs: Martine Mauget-Faÿsse, Benjamin Wolff

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 Mauget-Faÿsse - Retinal OCT as a marker in patients with dominant atrophy and Wolfram syndrome

Vivien Vasseur, Martine Mauget-Faÿsse - *En face* OCT interdigitation zone analysis

Martine Mauget-Faÿsse, Vivien Vasseur, Romain Deschamps - Acute macular neuropathy: a new risk factor

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

Joseph Carroll - OCTA imaging in congenital achromatopsia

Ugo Introini - Focal choroidal excavation
5' - Discussion

OTHER RETINAL DISORDERS 2

Chairs: Martine Mauget-Faÿsse, Joseph Carroll, Luisa Pierro, Marco Lupidi

Luisa Pierro - High Hyperreflective Spikes, HFS, a new SDOCT 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 Mauget-Faÿsse - Contribution of SSOC and SSOC-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

Chairs: Vittorio Capuano, Marco Rispoli

Rita Serra, Florence Coscas, Diogo Cabral, Marco Lupidi, Jean François Boulet, Gabriel Coscas, Eric H Souied - Long-term progression of treatment-naïve 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, Muneo Yamaguchi, Mitsuru Arima, Keijiro Ishikawa, Kumiko Kano, Satomi Shiose, Yuji Oshima, Tatsuro Ishibashi, Koh-Hei Sonoda

- The evaluation of disease activity in exudative age-related macular degeneration using *En face* hyperreflective foci

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

Marco Lupidi, Felice Cardillo-Piccolino, Gabriel Coscas, Carlo Cagini - Hemodynamic variations in choroidal neovascular lesions

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

5' - Discussion

TREATMENT AMD AND VASCULAR DISORDERS 4

Chairs: Mate Strehö, Luca Di Antonio, Daniela Bacherini, Ana Rita Santos

Maté Strehö, Violaine Caillaux, Charlotte Sevin, Marie Julie Bovis - OCT-A follow-up of radial peripapillary vascularisation during IVI for AMD treatment

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

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

5' - Discussion

AMD 7

Chairs: Ursula Schmidt-Erfurth: Alexandra Miere, Martin Michl

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

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

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

Florence Coscas, Diogo Ries Cabral, Gabriel Coscas, Eric Souied - OCT Angiography biomarkers in remission nAMD

Karim Raafat - Value of OCT Angiography in detecting CNV complicating macular dystrophies and degeneration

5' - Discussion

QUIESCENT CNV, OTHER CNV -PCV

Chair: Leila El Matri

Leila El Matri - OCT - Angiography in quiescent choroidal neovascularisation not related to AMD

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

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

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

5' - Discussion

17.53 - End of the sessions

HALL D

QUANTITATIVE SESSION, PEDIATRICS

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 M^a Ruiz Moreno, Ourida Ouhadj, Leila Vajzovic

María Alarcón, Bachar Kudsieh, Esther Casado, José M^a 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 and 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 abnormalities

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 Moulton - 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. Luttj - 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. Kowalczyk, 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 B

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

Chairs: 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)

Chairs: 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 definiens 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 M^a 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 M^a Ruiz Moreno, Jorge Ruiz-Medrano, Juan Manuel López-Villalta - Vascular density study by OCTA: age related changes

Iñaki Flores, José M^a Ruiz Moreno - Choroid study by SS-OCT and A-OCT in myopic choroidal neovascularization

5’ - Discussion

13.23 - 14.20 - Lunch break



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

Leonidas Zografos - OCT-Angiography guided treatment of irradiation induced maculopathy. Long term results and new treatment planning.

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 Mauget 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 BenAbderrahim - 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

Ruwan 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 neovasculopathies

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, Jihen 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 photocoagulation

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

HALL A

IMAGING AND HISTOLOGY, ADAPTIVE OPTICS

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. Kuryшева, 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. Kuryшева - 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. Kuryшева, 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 Araszkiwicz, 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 Miserocchi - 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 Mauget 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-Faysse, 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 Ksaa, Sana Khohtali, Marouane Lahderi, Nesrine Abroug, Bechir Jelliti, Sonia Attia, Moncef Khairallah - Swept source OCTA findings in patients with systemic lupus erythematosus

Sana Khohtali, Amal Kadri, Sourour Zina, Imen Ksaa, 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 sessions

HALL D

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 rétinienne héréditaires aux stades précoces
Sabine Derrien, Elise Scemama-Boulanger, Elsa Laumonier, Benjamin Wolff, Flore DeBats, Vivien Vasseur, Martine Mauget-Faÿsse - Choroidal new vessels in hereditary dystrophies
Claire Scemama-Timsit, Elise Scemama-Boulanger, Elsa Laumonier, Sabine Derrien, Vivien Vasseur, Cédric Lamirel, Benjamin Wolff, Martine Mauget-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 M^a Ruiz Moreno

Malvika Arya, Marco Bonini Filho, Carl B. Rebhun, Eric M. Moul, Byung Kun Lee, A. Yasin Alibhai, Andre J. Witkin, Caroline R. Baumal, Jay S. Duker, James G. Fujimoto, Nadia K. Waheed - Analysis of relative blood flow speeds in vascular changes of diabetic retinopathy using variable Interscan time analysis OCT Angiography
Akihiro Ishibazawa, Lucas R. De Pretto, A. Yasin Alibhai, Malvika Arya, Osama Soror, Chris Or, Almyr Sabrosa, Caroline Baumal, Andre Witkin, Akitoshi Yoshida, Jay S. Duker, James G. Fujimoto, Nadia K. Waheed - Arterial or venous contribution for retinal non-perfusion in diabetic retinopathy observed using OCT Angiography
José M Ruiz-Moreno, Javier Iturria, Elena Almazán - OCTA findings of early neurovascular damage in diabetics patients without diabetic retinopathy and non proliferative diabetic retinopathy
R Zhioua, I Zhioua Braham - Analysis of the vitreomacular interface in treatment-naïve 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 Kaoual, I. Zhioua Braham - Correlation between microvascular abnormalities and severity of diabetic retinopathy using Optical Coherence Tomography Angiography
Alonso Plasencia M, Abreu González R, Afonso Rodríguez A, Alberto Pestano M, Gil Hernández MA - Structure-function correlation using OCT Angiography and microperimetry in diabetic retinopathy

Nihal A. Hassan - Correlation between chorioidal 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