UCLA Stein Eye Institute and Doheny Eye Institute present the

International Retinal Imaging Symposium 2019

Saturday, March 16, 2019

California NanoSystems Institute at UCLA
570 Westwood Plaza
Los Angeles, CA 90095
The International Retinal Imaging Symposium (IntRIS 2019) will feature a series of lectures devoted to advanced retinal imaging and the newest developments in this exciting field. Innovative systems such as fundus autofluorescence, ultra-widefield imaging, spectral domain and swept source optical coherence tomography (OCT), and OCT angiography will all be covered. A groundbreaking session on artificial intelligence and deep learning will also be highlighted in the program. IntRIS 2019 will include a full day of lectures by many of the world’s experts in retinal imaging who will speak on recent innovations in retinal imaging that have occurred in this rapidly advancing field.

Our world-renowned faculty will aim to familiarize course participants with the newest evolving technologies and will guide and instruct our registrants in the application of these advanced systems and in the interpretation of novel and challenging imaging findings. This will help our participants better manage their patients with macular and retinal disorders and achieve better patient outcomes in their practices.

We welcome your participation at IntRIS 2019 which promises to provide insight and understanding in retinal imaging and showcase the integral importance of innovative retinal imaging in the evaluation and management of retinal disease.

David Sarraf, M.D.
K. Bailey Freund, M.D.
SriniVas Sadda, M.D.
SPEAKERS

Thomas Ach, M.D.
Francesco Bandello, M.D.
Jiwon Baek, M.D.
Steven Bailey, M.D.
Paul Bernstein, M.D., Ph.D.
Barbara Blodi, M.D.
Enrico Borrelli, M.D.
Vittorio Capuano, M.D.
Usha Chakravarthy, M.D.
Gemmy Cheung, M.D.
Netan Choudhry, M.D.
Christine Curcio, Ph.D.
Rosa Dolz Marco, M.D., Ph.D.
Amitha Domalpally, M.D.
Chantal Dysli, M.D.
Amani Fawzi, M.D.
Anibal Francone, M.D.
K. Bailey Freund, M.D.
James Fujimoto, Ph.D.
Alain Gaudric, M.D.
Isaac Gendelman, M.D.
Frank Holz, M.D.
Michael Ip, M.D.
Yali Jia, Ph.D.
Jesse Jung, M.D.
Jennifer Kang-Mieler, Ph.D.
Pearse Keane, M.D.
Eung Suk Kim, M.D.

Won Ki Lee, M.D.
Belinda Leong, M.D.
Brandon Lujan, M.D.
William Mieler, M.D.
Eduardo Navajas, M.D.
Francesco Pichi, M.D.
Maximilliam Pfau, M.D.
Rony Preti, M.D.
Giuseppe Querques, M.D., Ph.D.
Tushar Ranchod, M.D.
Kasra Rezaei, M.D.
Richard Rosen, M.D.
Philip Rosenfeld, M.D., Ph.D.
Srinivas Sadda, M.D.
David Sarraf, M.D.
Steffen Schmitz-Valckenberg, M.D.
J. Sebag, M.D.
Eric Souied, M.D., Ph.D.
Richard Spaide, M.D.
Giovanni Staurenghi, M.D.
Natarajan Sundaram, M.D.
Nadia Waheed, M.D.
Ruikang Wang, Ph.D.
Lawrence Yannuzzi, M.D.
Young Hee Yoon, M.D., Ph.D.
Seung-Young Yu, M.D., Ph.D.
Suzanne Yzer, M.D., Ph.D.
Yuhua Zhang, Ph.D.

MODERATORS

Alexander Brucker, M.D.
Barbara Blodi, M.D.
Gemmy Cheung, M.D.
Christine Curcio, Ph.D.
Amani Fawzi, M.D.
K. Bailey Freund, M.D.
Lee Jampol, M.D.
Bruno Lumbroso, M.D.

Giuseppe Querques, M.D., Ph.D.
Philip Rosenfeld, M.D., Ph.D.
Srinivas Sadda, M.D.
David Sarraf, M.D.
Lawrence Singerman, M.D.
Richard Spaide, M.D.
Lawrence Yannuzzi, M.D.
ANATOMY AND IMAGING
Moderator: Christine Curcio, Ph.D.
9.10 – 9.15 SS-OCT En-Face Analysis of the Vitreous Cavity Belinda Leong, M.D.
9.15 – 9.20 En Face OCT Identification of New Foveal Anatomical Landmark David Sarraf, M.D.
9.20 – 9.30 Hemodynamic Response of the Three Retinal Capillary Plexuses in Dark Adaptation and Flicker Stimulation using OCT Angiography Amani Fawzi, M.D.
9.30 – 9.40 Topographic Distribution of Choriocapillaris Flow Deficits in Healthy Eyes Srinivas Sadda, M.D.
9.40 – 9.45 Classification and Guidelines for Widefield Imaging Recommendations from the International Widefield Imaging Study Group Netan Choudhry, M.D.
9.45 – 10.00 Discussion

PATHOLOGY AND IMAGING
Moderator: K. Bailey Freund, M.D.
10.00 – 10.10 Cuticular Drusen: Multimodal Imaging and Clinico-Pathological Correlation Lawrence Yannuzzi, M.D.
10.10 – 10.20 Histologic Correlates of Optical Coherence Tomography Signatures in Geographic Atrophy Secondary to Age-Related Macular Degeneration Christine Curcio, Ph.D.
10.20 – 10.30 Type 1 Aneurysmal NV (Polypoidal Choroidal Vasculopathy) in Age-Related Macular Degeneration Rosa Dolz Marco, M.D., Ph.D.
10.30 – 10.40 Discussion
10.40 – 11.00 BREAK

NON-NEOVASCULAR AMD
Moderator: Philip Rosenfeld, M.D., Ph.D.
11.00 – 11.10 Natural History, Morphology and Impact on Photoreceptors of Subretinal Drusenoid Deposits in Age-Related Macular Degeneration Yuhua Zhang, Ph.D.
11.10 – 11.20 Reticular Pseudodrusen: Prevalence and Risk of Late Age-Related Macular Degeneration Amitha Domalpally, M.D.
11.20 – 11.30 Precursors and Development of Geographic Atrophy with Autofluorescence Imaging Barbara Blodi, M.D.
11.30 – 11.40 Discussion
11.40 – 11.50 Impact of Bleaching on Photoreceptors in Different Intermediate AMD Phenotypes Enrico Borrelli, M.D.
11.50 – 12.00 Changes in the Choriocapillaris in Dry AMD: Longitudinal Data Nadia Waheed, M.D.
12.00 – 12.10 Relationship Between Choriocapillaris Flow Deficits Around Geographic Atrophy and Enlargement Rates Based on Swept Source OCT Imaging Philip Rosenfeld, M.D., Ph.D.
12.10 – 12.20 Discussion
NEOVASCULAR AMD
Moderator: Lawrence Yannuzzi, M.D.
12.20 – 12.25 Pigment Epithelium Detachment Dimple as a Result of Hyperreflective Sub-Retinal Membrane Vittorio Capuano, M.D.
12.25 – 12.30 Detection and Follow-up of Non-Exudative Choroidal Neovascularization in Age-Related Macular Degeneration with Optical Coherence Tomography Angiography Steven Bailey, M.D.
12.30 – 12.35 OCTA-Guided Laser Therapy for Choroidal Neovascular Membranes Eric Souied, M.D., Ph.D.
12.35 – 12.40 Discussion

NEOVASCULAR AMD
Moderator: David Sarraf, M.D.
12.40 – 12.50 Predicting Treatment Response and Visual Acuity in Wet AMD Based on Quantitative Analysis of OCT Michael Ip, M.D.
12.50 – 1.00 New Proposal for the Pathophysiology of Type 3 Neovascularization as Based on Multimodal Imaging Findings Richard Spioide, M.D.
1.00 – 1.10 Can AMD Treat Itself? K. Bailey Freund, M.D.
1.10 – 1.20 Discussion
1.20 – 2.30 LUNCH BREAK

PACHYCHOROID
Moderator: Gemmy Cheung, M.D.
2.30 – 2.40 Staging of Pachychoroid Spectrum Disease Seung-Young Yu, M.D., Ph.D.
2.40 – 2.50 Choroidal Morphology under Pachychoroids Won Ki Lee, M.D., Jiwon Baek, M.D.
2.50 – 3.00 ICGA and SD-OCT Evaluation of Aneurysmal Lesions in PCV Gemmy Cheung, M.D.
3.00 – 3.10 Choroidal Thickness in Eyes with Choroidal Neovascularization due to Multifocal Choroiditis/Punctate Inner Choroidopathy Giuseppe Querques, M.D., Ph.D.
3.10 – 3.20 Multimodal Imaging Including OCT-A in Staphyoma Induced Serous Maculopathy Suzanne Yzer, M.D., Ph.D.
3.20 – 3.35 Discussion

DIABETES I
Moderator: Alexander Brucker, M.D.
3.35 – 3.45 OCTA Features of the Macular Microcirculation in Eyes without OCT Findings of DME or Diabetic Retinopathy Usha Chakravarthy, M.D.
3.45 – 3.55 Morphofunctional Analysis of the Retina in Type 1 Diabetic Patients without Complications after 30 Years of Disease Francesco Bandello, M.D.
3.55 – 4.05 Dynamic Structural and Functional Assessment of Macular Ischemia Brandon Lujan, M.D.
4.05 – 4.10 Prevalence of Superficial and Deep Retinal Capillary Plexus Ischemia in Different Stages of Diabetic Retinopathy Rony Prett, M.D.
4.10 – 4.15 Sectorial Analysis of Choriocapillaris Flow Deficits in Diabetic Retinopathy using OCT-Angiography Noelia Wahed, M.D., Isaac Gendelman, M.D.
4.15 – 4.30 Discussion

DIABETES II
Moderator: Lee Jampol, M.D.
4.30 – 4.40 Simulating Vascular Leakage on Optical Coherence Tomography Angiography William Mieler, M.D.
4.40 – 4.45 Progressive Retinal Neurodegeneration and Microvascular Change in Diabetic Retinopathy: A Longitudinal Study Using Optical Coherence Tomography Angiography Seung-Young Yu, M.D., Ph.D., Eung Suk Kim, M.D.
4.45 – 4.50 Ultra-Wide Field OCTA for Evaluation of Different Stages of Diabetic Retinopathy Kasra Rezaei, M.D.
4.50 – 5.00 Assessment of Retinal Non-Perfusion in Diabetic Retinopathy under Anti-VEGF Therapy using Swept-Source Wide-Field OCT-Angiography Compared to Ultra-Wide-Field Fluorescein Angiography Alain Gaudric, M.D.
5.00 – 5.10 Discussion

RETINAL VASCULAR
Moderator: Giuseppe Querques, M.D., Ph.D.
5.10 – 5.20 Gauging Perfusion Abnormality: Graphic Identification of Subnormal Retinal Capillary Density Using Normative OCTA Deviation Mapping Richard Rosen, M.D.
5.20 – 5.30 Cliloretal Artery Hypoperfusion and its Association with Parafoveal Acute Middle Maculopathy Francesco Pichi, M.D.
5.30 – 5.40 Multimodal Imaging Including Optical Coherence Tomography Angiography of Tamoxifen Retinopathy: Similarity with Macular Telangiectasia Type 2 Young Hee Yoon, M.D., Ph.D.
5.40 – 5.45 Discussion

VITREORETINAL INTERFACE
Moderator: Lawrence Singerman, M.D.
5.45 – 5.50 Structure and Function in Lamellar Macular Holes J. Sebag, M.D.
5.50 – 5.55 En-Face OCT and OCT Angiography of Inner Retinal Dimples after Internal Limiting Membrane Peeling for Full Thickness Macular Hole Eduardo Navajas, M.D.
5.55 – 6.00 Detection of Neurosensory Retinal Detachment Complicating Degenerative Retinoschisis by Ultra-Wide-Field Fundus Autofluorescence Imaging Anibal Francone, M.D.
6.00 – 6.10 Discussion
6.10 – 6.40 RECEPTION
COURSE OBJECTIVES

At the conclusion of this course, participants will be able to:

• Integrate advanced OCT imaging, including en face OCT and OCT angiography, into clinical practice to better diagnose and manage patients with macular disease including macular degeneration and diabetic retinopathy

• Integrate advanced retinal imaging including fundus autofluorescence and wide field angiography into clinical practice to better evaluate and manage patients with retinal disease including macular degeneration and diabetic retinopathy

• Gain knowledge of the new imaging findings of macular diseases including age-related macular degeneration and diabetic retinopathy as well as other less common retinal disorders

• Gain knowledge of the anatomy of the retinal capillary system and its importance in macular diseases using advanced retinal imaging

• Gain knowledge of the Müller cell and its importance in macular diseases using advanced retinal imaging

• Gain insight and understanding of the concept of deep learning and its potential impact on research and clinical care in the field of retinal imaging

ACCREDITATION

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, designates this continuing medical education activity for a maximum of 9.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

UCLA CONFLICT OF INTEREST DISCLOSURE

The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, the Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. We, at UCLA, fully endorse the letter and spirit of this concept.

PARKING AND DIRECTIONS

From the 405 freeway, exit on Wilshire Blvd. East. Proceed on Wilshire Blvd. to Westwood Blvd. and make a left. Proceed north on Westwood Blvd., turn right on Charles E. Young Drive South and continue ½ a block. Turn left into Lot 9. There will be a parking attendant selling permits from 5:45-7:45AM. If you arrive outside of this time frame, please visit the parking kiosk on Westwood Plaza to pay for your parking permit. Participants are responsible to pay for their own parking charges at a rate of $12 per vehicle, cash only.

ACCOMMODATIONS

HILGARD HOUSE
927 Hilgard Avenue
Los Angeles, California, 90024
Within walking distance
Reservations: (310) 208-3945

HOTEL ANGELENO
170 N. Church Lane
Los Angeles, California, 90049
Reservations: (310) 476-6411

UCLA TIVERTON HOUSE
900 Tiverton Avenue
Los Angeles, CA 90024
Within walking distance
Reservations: (310)794-0151

HOTEL PALOMAR LOS ANGELES – WESTWOOD
10740 Wilshire Blvd.
Los Angeles, California 90024
Reservations: (310) 475-8711

W Los Angeles – WESTWOOD HOTEL
930 Hilgard Avenue
Los Angeles, California, 90024
Within walking distance
Reservations: (310) 208-8765

UCLA Meyer & Renee Luskin Conference Center
425 Westwood Plaza
Los Angeles, California 90095
Reservations: (855) 522-8252

Pacific Retina Club (PRC)
Please also join us for Pacific Retina Club on Friday, March 15, 2019 from 12:00PM to 9:30PM at the California NanoSystems Institute at UCLA. The Pacific Retina Club was established to bring together retina specialists from the across the United States to discuss interesting retinal cases and exchange knowledge and expertise regarding the evaluation and management of common and rare retinal diseases. PRC registration is a separate fee from the IntRIS 2019 registration. Please go to www.cme.ucla.edu/courses and click on “Pacific Retina Club” to register.
Registration Fee:
Please make checks payable to UC Regents or pay by credit card
(complete form below)

Saturday, March 16, 2019
☐ IntRIS 2019 Registration Fee: $350.00

Name _____________________________________________________
Degree ____________________________________________________
Address ____________________________________________________
City _______________________________ State____ Zip __________
Telephone ______________________ Fax ______________________
E-Mail ____________________________________________________

Last four digits of Social Security Number. X X X – X X – ____ ____

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Card Holder’s Name
Card Number
Expiration Date
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Cancellation Policy:
A handling fee of $75 will be deducted from each cancelled registration.

No refund for cancellation after February 15, 2019.

Submit registration to:
UCLA Office of Continuing Medical Education
IntRIS 2019
10920 Wilshire Blvd., Suite 1060, Los Angeles, CA 90024
Telephone: (310) 794-2620
or register online at www.cme.ucla.edu