



8TH ANNUAL PACIFIC RETINA CLUB

APRIL 1-2, 2022

UCLA MEYER & RENEE LUSKIN
CONFERENCE CENTER
LOS ANGELES, CA



PRESENTED BY
**INTERNATIONAL
RETINAL IMAGING
SOCIETY**

Beaumont

ACCREDITATION AND CREDIT DESIGNATION

In support of improving patient care, this activity has been planned and implemented by Beaumont Health and Medical Conference Planners Intl. Beaumont Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Beaumont Health designates this live activity for a maximum of *7.50 AMA PRA Category 1 Credit(s)*[™].

Physicians should claim only the credit commensurate with the extent of their participation in the activity.



JOINTLY ACCREDITED PROVIDER[™]
INTERPROFESSIONAL CONTINUING EDUCATION

Dear Colleagues,

We would like to welcome you to the Pacific Retina Club 2022! After a two-year absence due to the COVID pandemic, we are delighted to welcome all registrants and conference faculty to UCLA in person. The opportunity to meet with everyone after this extended hiatus is very exciting and long overdue.

This is the 8th Annual Meeting of the Pacific Retina Club (PRC). Pacific Retina Club originated as a union of two meetings in California: The Western Retina Study Club in San Francisco, led by Rich McDonald, and the LA Imaging Conference of Retina Specialists (LAICRS) led by Dean Elliot, Vas Satta, and David Sarraf. The two meetings were merged giving rise to the PRC which has rotated between San Francisco and LA on an annual basis. While PRC has always been a case conference devoted to lively exchange, this is the first year the format has been expanded to include a second day of retina update lectures and interactive panels.

We are very excited about the agenda for PRC 2022 which promises to be educational and engaging. The tradition of case presentations will continue the first day with over 50 cases scheduled to be presented by residents, fellows, community ophthalmologists, and faculty from all over the west coast and the US. Discussion will be energetic and insightful and interaction with the registrant pool is encouraged!

The second day will include a packed schedule of retina update lectures and panels featuring many of the leaders in our field and covering a wide range of topics including basic science, histopathology of macular disease, new concepts in the area of advanced retinal imaging, and new therapies for AMD, diabetic retinopathy, and inherited dystrophies. We are also looking forward to our various dynamic panels on a diverse agenda of topics including surgical and pediatric retina, tumors, and uveitis.

This meeting would not be possible without the support and backing of the International Retinal Imaging Society (IntrIS), led by Monica Kim, and the oversight and planning of Karen Baranick and her very talented team at Medical Conference Planners, Inc. (MCPI). We are very excited to meet everyone in person to discuss many interesting cases and learn about many new concepts in the diagnosis and management of retinal disease!

Sincerely,

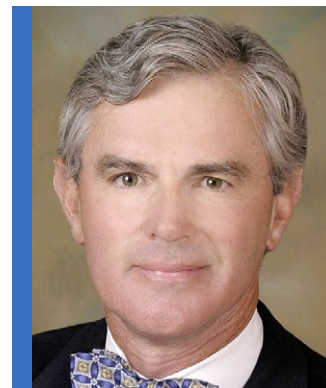
The Program Co-Directors



David Sarraf, MD



Srinivas R. Satta, MD



H. Richard McDonald, MD



ALEXANDER R. IRVINE LECTURE

FRIDAY, APRIL 1, 2022 | 11:18 AM

OCT – Past, Present and Future

JAY S. DUKER, MD

Jay S. Duker, MD, is currently the Chief Operating Officer of EyePoint Pharma, a biotech company that develops sustained-release medications to treat serious ocular disorders. Prior to being promoted to this position in 2021, Dr. Duker was the part-time Chief Strategic Scientific Officer at EyePoint. Between 2016 and 2020 he served a member of EyePoint's Board of Directors.

For the 21 years prior to his taking the COO position at EyePoint, Dr. Duker was the Director of the New England Eye Center (NEEC) and Professor and Chair of the Department of Ophthalmology at Tufts Medical Center and the Tufts University School of Medicine in Boston, Massachusetts. Dr. Duker received his medical degree from Jefferson Medical College. He completed residency and fellowship in vitreoretinal diseases and ocular oncology at the Wills Eye Hospital.

Dr. Duker remains in clinical practice, seeing patients with medical retinal disorders, macular diseases, and intraocular tumors. He has published over 345 journal articles, with his major research interests concentrating on retinal imaging, retinal vascular diseases, and drug delivery to the posterior segment. He has received the Honor Award, the Senior Honor Award, and the Life Achievement Award from the American Academy of Ophthalmology as well as the Honor and Senior Honor awards from the American Society of Retina Specialists.

His book, Yanoff and Duker's *Ophthalmology*, now entering its 6th edition, is one of the best selling ophthalmic texts over the past three decades. He has edited an additional six textbooks. Dr. Duker is the Emeritus Editor-in-Chief of the *International Journal of Retina and Vitreous* (IJRV). He is a founder of several companies including SurgiSite Boston, the fifth largest independent eye surgery center in the

United States; Hemera Biosciences, a gene therapy company developing treatments for dry age-related macular degeneration that was acquired by Janssen in 2020, and the Boston Image Reading Center (BIRC). In addition, he is the Chair of the Board of Sesen Bio, a publicly traded company that is developing targeted protein therapeutics for cancer.

PAST ALEXANDER R. IRVINE LECTURERS

- 2006 H. Richard McDonald, MD
- 2008 Glenn J. Jaffe, MD
- 2009 William R. Freeman, MD
- 2010 Marco A. Zarbin, MD, PhD
- 2011 Allan E. Kreiger, MD
- 2012 Mark S. Blumenkranz, MD, MMS
- 2013 Dean Elliott, MD
- 2014 Anita Agarwal, MD
- 2015 K. Bailey Freund, MD
- 2016 William F. Mieler, MD, FACS, FARVO
- 2017 Lawrence A. Yannuzzi, MD
- 2018 Lee M. Jampol, MD
- 2019 Alexander J. Brucker, MD

Case Presentations (non-CME)

FRIDAY | APRIL 1, 2022

6:30 AM – 5:00 PM	Registration	9:59 – 10:04 AM	Industry Presentation Apellis Pharmaceuticals
6:30 AM – 5:00 PM	Exhibits	10:04 – 10:36 AM	Break
6:30 – 7:30 AM	Breakfast	10:36 – 11:18 AM	Session 2 <i>Moderator:</i> Srinivas R. Sadda, MD
7:30 – 7:35 AM	Welcome Remarks David Sarraf, MD	10:36 – 10:42 AM	Jaclyn L. Kovach, MD
7:35 – 9:59 AM	Session 1 (Residents and Fellows) <i>Moderator: David Sarraf, MD</i>	10:42 – 10:48 AM	Sun Young Lee, MD, PhD
7:35 – 7:41 AM	Rushil G. Rao, MD	10:48 – 10:54 AM	Aristomenis Thanos, MD
7:41 – 7:47 AM	Tony Y. Chen, MD	10:54 – 11:00 AM	Joseph Alsberge, MD
7:47 – 7:53 AM	Hisashi Fukuyama, MD	11:00 – 11:06 AM	Brandon Lujan, MD
7:53 – 7:59 AM	Delu Song, MD, PhD	11:06 – 11:12 AM	Kareem Moussa, MD
7:59 – 8:05 AM	Christopher Chung, MD, MS	11:12 – 11:18 AM	Andrew W. Browne, MD, PhD
8:05 – 8:11 AM	Eric Jung, MD	11:18 – 11:23 AM	Introduction of the Alexander R. Irvine Lecture H. Richard McDonald, MD
8:11 – 8:17 AM	Jennifer Lopez, MD	11:23 – 11:53 AM	Alexander R. Irvine Lecture OCT – Past, Present and Future Jay S. Duker, MD
8:17 – 8:23 AM	Abinaya Thenappan, MD	11:53 AM – 1:00 PM	Lunch
8:23 – 8:29 AM	Mohima Sanyal, MD, MPH	12:15 – 12:45 PM	Satellite Symposium (non-CME): Individualized Treatment in Wet AMD Nathan C. Steinle, MD Sponsored by Regeneron Pharmaceuticals, Inc. (Located in Laureate Classroom)
8:29 – 8:35 AM	Jennifer C. Hu, MD	1:00 – 2:12 PM	Session 3 <i>Moderator:</i> H. Richard McDonald, MD
8:35 – 8:41 AM	Meera S. Ramakrishnan, MD	1:00 – 1:06 PM	David H. Abramson, MD, FACS
8:41 – 8:47 AM	Diogo Cabral, MD	1:06 – 1:12 PM	Anita Agarwal, MD
8:47 – 8:53 AM	Prithvi Ramtohol, MD	1:12 – 1:18 PM	Rajendra S. Apte, MD, PhD
8:53 – 8:59 AM	Braden A. Burckhard, MD	1:18 – 1:24 PM	Paul S. Bernstein, MD, PhD
8:59 – 9:05 AM	Malini V. Pasricha, MD	1:24 – 1:30 PM	Mathieu F. Bakhom, MD, PhD
9:05 – 9:11 AM	Giulia Corradetti, MD		
9:11 – 9:17 AM	Néda Abraham, OD		
9:17 – 9:23 AM	Greg Budoff, MD		
9:23 – 9:29 AM	Alexander Dillon, MD, MBA		
9:29 – 9:35 AM	Nicholas A. Iafe, MD		
9:35 – 9:41 AM	Brian Lee, MD		
9:41 – 9:47 AM	J. Ben Margines, MD, MHCI		
9:47 – 9:53 AM	Swathi Somisetty, BS		
9:53 – 9:59 AM	Ahmad Santina, MD		

1:30 – 1:36 PM	<i>David S. Boyer, MD</i>
1:36 – 1:42 PM	<i>David M. Brown, MD</i>
1:42 – 1:48 PM	<i>David R. Chow, MD, FRCSC</i>
1:48 – 1:54 PM	<i>Christine A. Curcio, PhD</i>
1:54 – 2:00 PM	<i>Sander R. Dubovy, MD</i>
2:00 – 2:06 PM	<i>Jay S. Duker, MD</i>
2:06 – 2:12 PM	<i>K. Bailey Freund, MD</i>
2:12 – 2:42 PM	Break
2:42 – 3:36 PM	Session 4
	<i>Moderator:</i>
	<i>H. Richard McDonald, MD</i>
2:42 – 2:48 PM	<i>J. Michael Jumper, MD</i>
2:48 – 2:54 PM	<i>William F. Mieler, MD</i>
2:54 – 3:00 PM	<i>Darius M. Moshfeghi, MD</i>
3:00 – 3:06 PM	<i>Aaron Nagiel, MD, PhD</i>
3:06 – 3:12 PM	<i>Quan D. Nguyen, MD, MSc</i>
3:12 – 3:18 PM	<i>Jose S. Pulido, MD, MS, MPH, MBA</i>
3:18 – 3:24 PM	<i>H. Richard McDonald, MD</i>
3:24 – 3:30 PM	<i>Richard F. Spaide, MD</i>
3:30 – 3:36 PM	<i>Homayoun Tabandeh, MD</i>
3:36 – 3:45 PM	Closing Remarks
	<i>David Sarraf, MD</i>
3:45 – 5:00 PM	Reception

Comprehensive Retina Update

SATURDAY | APRIL 2, 2022

CME Sessions are located in Centennial Ballroom A/B

6:30 AM – 5:30 PM **Registration**

6:30 AM – 3:50 PM **Exhibits**

6:30 – 7:15 AM **Breakfast**

7:15 – 7:20 AM

Opening Remarks

David Sarraf, MD; SriniVas R. Sadda, MD; H. Richard McDonald, MD

7:20 – 8:10 AM

Session 1: Basic Science and Pathology

*Moderators:
K. Bailey Freund, MD and SriniVas R. Sadda, MD*

7:20 – 7:30 AM

MacTel II Update: New Insights into the Pathobiology and Genetics of Disease
Paul S. Bernstein MD, PhD

7:30 – 7:40 AM

AMD Discovery and Development
Rajendra S. Apte, MD, PhD

7:40 – 7:50 AM

Progression Modeling of Geographic Atrophy
Nadia K. Waheed, MD, MPH

7:50 – 8:00 AM

Hyperreflective Foci in Age-Related Macular Degeneration include Molecularly Transdifferentiated Retinal Pigment Epithelium
Christine A. Curcio, PhD

8:00 – 8:10 AM

Type 1 vs Type 2 vs Type 3 MNV: A Histopathological Analysis
Sander R. Dubovy, MD

8:10 – 8:40 AM

Session 2: Surgery Panel I

*Moderator:
H. Richard McDonald, MD*
*Panelists:
J. Michael Jumper, MD
Colin A. McCannel, MD
Gaurav K. Shah, MD
Homayoun Tabandeh, MD*

8:40 – 9:10 AM

Session 3: Tumor Panel

*Moderator:
William F. Mieler, MD*
*Panelists:
David H. Abramson, MD, FACS
Colin A. McCannel, MD
Tara A. McCannel, MD, PhD
Jose S. Pulido, MD, MS, MPH, MBA*

9:10 – 9:40 AM

Break

9:40 – 10:30 AM

Session 4: Imaging

Moderators: Anita Agarwal, MD and Jay S. Duker MD

9:40 – 9:50 AM

Predicting Progression of Diabetic Retinopathy with OCTA
Amani A. Fawzi, MD

9:50 – 10:00 AM

Intraoperative OCT in VR Surgery: Where do we stand in 2022?
Justis P. Ehlers, MD

10:00 – 10:10 AM

OCT Choroidal and Optic Nerve Adaptation in NASA's Long-Term Space Flight Program
David M. Brown, MD

10:10 – 10:20 AM

New Imaging Findings from High-Res OCT
K. Bailey Freund, MD

10:20 – 10:30 AM

A New Method to Image the Vitreous with OCT
Richard F. Spaide, MD

10:30 – 11:00 AM

Session 5: Imaging Panel

*Moderator:
Jay S. Duker, MD*
*Panelists:
Anita Agarwal, MD
K. Bailey Freund, MD
Jose S. Pulido, MD, MS, MPH, MBA
David Sarraf, MD*

11:00 – 11:30 AM	Session 6: Pediatric Surgery Panel Moderator: <i>J. Michael Jumper, MD</i> Panelists: <i>Darius M. Moshfeghi, MD</i> <i>Aaron Nagiel, MD, PhD</i> <i>Irena Tsui, MD</i>	1:30 – 2:00 PM	Session 8: Uveitis Panel Moderator: <i>Sunil K. Srivastava, MD</i> Panelists: <i>Emmett T. Cunningham, MD, PhD, MPH</i> <i>Quan D. Nguyen, MD, MSc</i> <i>Edmund Tsui, MD</i>
11:30 AM – 12:00 PM	Session 7: Age Related Macular Degeneration Moderators: <i>Lawrence J. Singerman, MD, FACS</i> <i>Richard F. Spaide, MD</i>	2:00 – 2:30 PM	Session 9: Diabetes Moderators: <i>Carl D. Regillo, MD and Lawrence J. Singerman MD, FACS</i>
11:30 – 11:40 AM	The Role of Mitochondrial Genetics in AMD <i>Baruch D. Kuppermann, MD, PhD</i>	2:00 – 2:10 PM	Should VEGF Inhibitors Be A First-Line Treatment for Non-Proliferative Diabetic Retinopathy? <i>Diana V. Do, MD</i>
11:40 – 11:50 AM	OCT Biomarkers for Progression of Intermediate AMD <i>SriniVas R. Sadda, MD</i>	2:10 – 2:20 PM	Two Year Data from the Phase 3 Faricimab Trials for Treating DME Anti-VEGF <i>Carl D. Regillo, MD</i>
11:50 AM – 12:00 PM	Non-Neovascular Fluid in “Dry” AMD: Observe and Extend <i>David Sarraf, MD</i>	2:20 – 2:30 PM	Therapy for Proliferative Diabetic Retinopathy: The Good, the Bad, the Ugly <i>Susan B. Bressler, MD</i>
12:00 – 1:30 PM	Lunch	2:30 – 3:20 PM	Session 10: Retinal Vascular and Beyond Moderators: <i>Michael S. Ip, MD and Homayoun Tabandeh, MD</i>
12:10 – 12:20 PM	An Update on the Dry AMD Pipeline (non-CME) <i>Robert L. Avery, MD</i> <i>(Located in Laureate Classroom)</i>	2:30 – 2:40 PM	RIPLs (Retinal Ischemic Perivascular Lesions), an Imaging Biomarker of Cardiovascular Disease <i>Mathieu F. Bakhroum, MD, PhD</i>
12:20 – 1:20 PM	Satellite Symposium (non-CME): Considerations for Patient Management in Diabetic Macular Edema <i>Tarek S. Hassan, MD and Baruch D. Kuppermann, MD, PhD</i> Sponsored by Allergan, an AbbVie Company <i>(Located in Laureate Classroom)</i>	2:40 – 2:50 PM	Extended Drug Delivery for the Treatment of DME and DR <i>Dante J. Pieramici, MD</i>

Comprehensive Retina Update (continued)

2:50 – 3:00 PM Best Corrected Visual Acuity and Central Subfield Thickness in Macular Edema Due to Retinal Vein Occlusion, Diabetic Retinopathy and Uveitis: A Clinical Trial Analysis
Michael S. Ip, MD

3:00 – 3:10 PM Vitreous and Vision Degrading Myodesopsia
J. Sebag, MD, FACS, FRCOphth, FARVO

3:10 – 3:20 PM Retina Prosthesis Implant
Mark S. Humayun, MD, PhD

3:20 – 3:50 PM Break

3:50 – 4:20 PM Session 11: Surgery Panel II
Moderator:
Steven D. Schwartz, MD
Panelists:
David R. Chow, MD, FRCSC
Donald J. D'Amico, MD
Tarek S. Hassan, MD
Jean-Pierre Hubschman, MD

4:20 – 5:20 PM Session 12: Neovascular AMD/Clinical Trials
Moderators: *David S. Boyer, MD*
and *Susan B. Bressler, MD*

4:20 – 4:30 PM Update on Novel Treatments of Neovascular AMD
David S. Boyer, MD

4:30 – 4:40 PM Extended Drug Delivery for the Treatment of Neovascular AMD
Colin A. McCannel, MD

4:40 – 4:50 PM Faricimab for Neovascular AMD: Phase 3 Tenaya and Lucerne Clinical Trial Results
Carl D. Regillo, MD

4:50 – 5:00 PM News You Can Use on Neovascular AMD
David R. Chow, MD, FRCSC

5:00 – 5:10 PM Surgical Elements of Wet AMD Treatment: The Useful, The Ignored, and the Rightfully Rejected
Donald J. D'Amico, MD

5:10 – 5:20 PM Safety of New AMD Therapies
Yasha S. Modi, MD, MHS

5:20 – 5:30 PM Closing Remarks
David Sarraf, MD
Srinivas R. Sadda, MD
H. Richard McDonald, MD

5:30 – 6:30 PM Reception

The Pacific Retina Club gratefully acknowledges
the following companies for their support:

DIAMOND

Apellis Pharmaceuticals

GOLD

Genentech, Inc.
Regeneron Pharmaceuticals, Inc.

SILVER

Alcon Vision, LLC
Allergan, an AbbVie Company
Bausch + Lomb
DORC/Dutch Ophthalmic USA
EyePoint Pharmaceuticals
OCULUS Surgical, Inc.
Optos, Inc.

BRONZE

Adverum Biotechnologies, Inc.
Iveric Bio
Vial

EDUCATIONAL GRANTS

Alcon Vision, LLC
Bausch + Lomb
Genentech, Inc.
Regeneron Pharmaceuticals, Inc.

MEDIA PARTNER

Retina Today/EyeTube



MEDICAL
CONFERENCE
PLANNERS
INTERNATIONAL

prc@medconfs.com
www.medconfs.com