Pocket Guide



The Beauty of Diversity in Science and Nature



ARVO.org/AM

VERSATILE, INNOVATIVE PLATFORM FOR OCULAR DRUG DELIVERY

Our VitalDose® technology is a drug delivery platform providing controlled release through implant and insert dosage forms. The VitalDose® platform has proven biocompatibility and achieves >6 months release of mAbs, peptides, RNA, small molecules, and fixed dose combination therapies. We partner with you to enable innovation within your desired delivery profile.

The Celanese Pharma Lab offers the following support:

- Material selection
- Formulation and R&D prototype development

Drug release testing

Tech transfer

Collaborate with us

Email: Healthcare@Celanese.com

Website: healthcare.celanese.com



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Program Overview

Sun., April 23	Room	Time
Registration/Badge Pickup	Lobby B	7am–6pm
ARVO Central	Exhibit Hall	7am–6:45pm
Posters	See Mobile App/Meeting Planner	8–9:45am
Symposia	See Mobile App/Meeting Planner	8–10am
Exhibits	Exhibit Hall	8:30am–5pm
Opening Keynote Session	Great Hall AD	10:15-11:45am
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	12-1:45pm
ARVO/NEI DEI Discussion	Great Hall AD	2-3:30pm
Low Vision Group	R06	3:45-5:30pm
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	3:45-5:30pm
All Posters	See Mobile App/Meeting Planner	5:45-6:45pm
ARVO Social*	Fillmore	7:30-10:30pm
Mon., April 24		
Registration/Badge Pickup	Lobby B	7am–6pm
ARVO Central	Exhibit Hall	7am-6:15pm
NAEVR Briefing	Rivergate Room	7–8:30am
Exhibits	Exhibit Hall	8:30am–5pm
Proctor Award Lecture	Great Hall AD	8:45-9:30am
Friedenwald Award Lecture	Great Hall AD	9:30-10:15am
Section Business Meetings	See Mobile App/Meeting Planner	10:30-11:15am
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	11:30am-1:15pm
Genetics Group	R09	3:15–5pm
Papers/Posters/Minisymposia	See Mobile App/Meeting Plannerr	3:15-5pm
All Posters	See Mobile App/Meeting Planner	5:15-6:15pm
Student-Trainee Social	Mosaic Lounge	6:30-8pm
Tues., April 25	inocalo zoungo	oloo opin
Breakfast with the Experts*	208-210	7-8:30am
Registration/Badge Pickup	Lobby B	7am-6pm
ARVO Central	Exhibit Hall	7am-6:30pm
Exhibits	Exhibit Hall	8:30am-5pm
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	8:45-10:30am
General Business Meeting	Rivergate Room	10:45-11:30am
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	11:45am-1:30pm
WEAVR Luncheon*	Great Hall BC	1:45-3:15pm
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	3:30-5:15pm
All Posters	See Mobile App/Meeting Planner	5:30-6:30pm
ARVO/Champalimaud Lecture	Great Hall AD	6:30-7:30pm
Wed., April 26	Gleat Hall AD	0.30-7.30pm
	Lobby P	Zom form
Registration/Badge Pickup ARVO Central	Lobby B	7am-6pm
Exhibits	Exhibit Hall	7am-5:15pm
	Exhibit Hall	8:30am-5pm
Weisenfeld Award Lecture	Great Hall AD	8:45-9:30am
Cogan Award Lecture	Great Hall AD	9:30-10:15am
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	10:30am-12:15pm
NEI Director's Session	Great Hall BC	12:30-2pm
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	2:15-4pm
All Posters	See Mobile App/Meeting Planner	4:15-5:15pm
MIT Poster Competition	Mosaic Lounge	5:30–7pm
ARVO Karaoke*	Republic NOLA	9pm–Midnight
Thurs., April 27		
Registration/Badge Pickup	Lobby B	7am-2:30pm
ARVO Central	Exhibit Hall	7am–4pm
Posters	See Mobile App/Meeting Planner	8am–9:45pm
Symposia	See Mobile App/Meeting Planner	8–10am
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	10:30am-12:15pm
Papers/Posters/Minisymposia	See Mobile App/Meeting Planner	12:45am-2:30pm
All Posters/Seattle 2024 Kickoff	Exhibit Hall	2:45-3:45pm
Closing Keynote Session	Great Hall AD	4-5:15pm

* Ticket Required

Complete meeting information is available at ARVO.org/AM

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Disclaimer

The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting online program materials and print publications aim to promote vision research and scientific discourse for educational purposes. ARVO accepts no responsibility for any products, presentations, opinions, statements or positions expressed, and inclusion of such material within the Meeting, the publications or posted online does not constitute endorsement by ARVO.

Photography Release

By attending the ARVO Annual Meeting, attendees agree to allow their names, likenesses and images either in audio, photographic or video format recorded onsite to be used by ARVO and the ARVO Foundation for Eye Research for educational and promotional purposes.

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Continuing Medical Education



The ARVO 2023 Annual Meeting, held in New Orleans, La., April 23 – 27, is an accredited continuing education activity. Clinicians who register for CME credits and pay the processing fee are eligible to claim credit for attending in-person accredited paper and cross-sectional group sessions, minisymposia and symposia.

Physician Accreditation Statement

The Association for Research in Vision and Ophthalmology (ARVO) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Physician Credit Designation

ARVO designates this live activity for a maximum of **19.25** AMA PRA Category 1 CreditsTM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The full program details are available at ARVO.org/CMEinfo

Convention Center First Floor





Convention Center Second Floor





Convention Center Third Floor (Above Halls D–F)



ARVO Policies

Recording/Photography/Audiotape/Video Equipment Policy — Recording by any means including, but not limited to photographing, audiotaping, videotaping, screen capturing, and/or screen recording of any presentations or sessions — whether virtual or in person — at or during the Annual Meeting is strictly prohibited. Exceptions include recording by an ARVO-authorized agent for official purposes or by First Authors who wish to capture their own presentations. Violators risk confiscation of their equipment and/or dismissal/banning from the Meeting as deemed appropriate by ARVO.

Anti-harassment Policy — While attending the ARVO Annual Meeting, members, non-member participants and invited guests are entitled to a harassment-free environment as they exchange research and engage in any ARVO activity. For detailed information on ARVO's Anti-Harassment Policy, visit **ARVO.org/Policies**.

If you wish to report a possible violation, go to the Meeting Management Office, Room 211–213. ARVO staff will follow the established procedures to address complaints

Commercial Relationships Policy — Presenters must state and display all applicable commercial relationships. For more information on this important policy, see the Commercial Relationships Policy at **ARVO.org/Commercial**.

Clinical Trials Registration Policy— All clinical trials that will be reported in ARVO Annual Meeting abstracts must be registered on a publicly available database. The required acknowledgement of the First Author, acting as the authorized agent for all authors, certifies that any research presented in the abstract that reports on a clinical trial is registered, and the registration location and number is included on the abstract, in compliance with the ARVO Statement on Registering Clinical Trials, arvo.org/Clinical-Trials. For more information on this policy, refer to the Clinical Trials Registration Statement at **ARVO.org/Clinical-Trials**.

Children in the convention center — Children under 18 who are not scientific attendees are permitted at the meeting without registration when accompanied by a parent. Please do not leave your children unattended. Children may attend sessions unless they are disruptive. Children are not permitted in ticketed events without a ticket and are not allowed on the exhibit/poster hall floor on setup days.



Seeing beyond

Ophthalmic innovation in sight.

Advancing technology through collaboration.

Where collaboration thrives, innovation emerges.

Visit ZEISS at Booth #1109

ZEISS is accelerating ophthalmic care with insightful research, innovative advancement, and novel collaborations. Discover the transformative technologies used by leading retina and glaucoma clinicians and researchers worldwide at ARVO. Spend some time at booth #1109 to see first-hand how AI, integrated workplaces, global collaboration, and more are shaping the eye care clinic of tomorrow.

Featured booth activities:

- Meet our scientists
- Hear from clinical experts
- Tour our technologies
- Test your knowledge with a game of "Jeopard-eye"



Presenters

All speakers are required to check into the Speaker Ready Room, Room 217–219, preferably 24 hours, but no later than four hours, before their presentations.

Previously uploaded presentations must be reviewed and approved.

All presentation slides and other files must be uploaded in advance of your presentation. Speaker Ready Room audiovisual (AV) technicians will upload files and screen them for compatibility. Presenters will not be allowed to load PowerPoint slides or other files directly to the computer in the session room.

Personal laptops cannot be used for presentations in the session rooms. Do not bring your laptop or other media devices to the session.

If you are unavoidably delayed, you must still go directly to the Speaker Ready Room.

Speaker Ready Room — Room 217–219

Fri.,	April	21

0-70

- Sat., April 22
- Sun., April 23
- Mon., April 24
- Tues., April 25
- Wed., April 26
- Thurs., April 27

6–8pm 7am–7pm 7am–6pm 7am–6pm 7am–6pm 7am–6pm 7am–2:30pm

For details, see ARVO.org/Presenters.

How to Connect

Wireless Internet — Complimentary internet access is available throughout the convention center. To access the internet, open your device Wi-Fi and select network name: ARVO. There is no password.



Come See What's Possible

Visit us at Booth 1001



02/2023 EYL.23.02.0151

Poster Presenters

- Exhibit Hall will be open starting at 7am for poster presenters to hang their poster on the day of their presentation.
- All posters must be placed by 8am on the day of presentation and remain on display the entire day.
- Posters may not be displayed prior to the day of presentation.
- Presenters must be present at their posterboards during their scheduled presentation time on the day of their scheduled presentation and at the end-of-day All Posters session.
- Sunday poster presenters are strongly encouraged to register and print their badges on Saturday.
- Posters must be removed 15 minutes following the All Posters session each day. ARVO is not responsible for poster materials left at the end of day. Posters remaining on the posterboards will be removed and discarded.

For details, see ARVO.org/Presenters.

Safety/Security Tips

- Carry with you the name, address, phone numbers and email of an individual to contact in case of emergency. If you have a mobile phone, enter the emergency contact phone number in your contacts list under the heading "ICE" (In Case of Emergency).
- Be sure to carry a card describing any medical conditions or allergies you may have, or wear a medical alert tag.
- Do not wear your Meeting name badge out and about in New Orleans.
- Avoid unlit streets and always walk with another person when sightseeing or shopping, particularly at night.
- Do not display large amounts of cash when paying for taxis or other purchases.
- Do not leave unsecured valuables in your hotel room; lock them in your in-room safe. Hotels are not responsible for items left in your room.
- At the meeting, check items at the coat and bag check area in Lobby A of the convention center.



ARVO congratulates BrightFocus Foundation on its 50th anniversary!



BrightFocus Foundation is a premier nonprofit funder of research to defeat Alzheimer's, macular degeneration, and glaucoma. We are proud to have funded **\$93 million** in vision research and **2,620** investigators since inception.

Will you be next? Macular Degeneration Research and National Glaucoma Research grant applications open soon!



Learn more at **brightfocus.org/apply**.

Visit us at Booth #1318

Cash at the Meeting

ARVO 2023 is a cashless meeting; however, concession vendors will accept cash.

Concessions/Food Service

Food service is available in the convention center Sunday through Wednesday. See pg. 16 for a listing of convention center concessions

New Orleans Information, Tours and Restaurants

There is a concierge desk staffed by On the Town. They will provide information about local attractions, shopping, local transportation, tours and restaurants.

Disabilities or Special Needs

The Ernest N. Morial Convention Center is accessible to the disabled. For assistance, including scooter needs, go to the Meeting Management Office, Room 211–213.

First Aid

The First Aid office is located in main lobby concourse and will be available during Meeting hours. You may also stop by the Meeting Management Office, Room 211-213.

Coat and Bag Check

Complimentary coat and bag check will be available in Lobby A.

Hours:

- Sat., April 22
- Sun., April 23
- Mon., April 24
- Tues., April 25
- Wed., April 26
- Thurs., April 27

7am-11pm 7am-7:30pm 7am-8:30pm 6am-8pm 7am-7:30pm 7am–6pm

ARVO is not responsible for items left at the end of the Meeting.



Lost and Found

All lost items are taken to the Meeting Management Office, Room 211–213. Please stop by this office to see if your item has been found.

Mother's Lounge

Please see staff in Meeting Management, Room 211-213, for access to the Mother's Lounge, Room 201-202.

Prayer and Meditation Room

The Prayer and Meditation Room is 223. Contact the Meeting Management Office, Room 211-213, if you have guestions.

Recycling

Recycling and compost bins are located throughout the convention center. Help ARVO in our efforts to be environmentally friendly and put your trash in the appropriate receptacle.

Security Services If you need assistance while at the convention center, contact the Information Desk in ARVO Central in the Exhibit/Poster Hall or Meeting Management in Room 211-213.

Water Bottles/Fountains

Water fountains and bottle-filling stations are located throughout the Ernest N. Morial Convention Center.

Download the ARVO

Annual Meeting mobile app Visit your app store and search for ARVO 2023

Use the mobile app to:

- Build your daily schedule
- Find a speaker, session or poster
- Take notes on a session or poster
- View the Convention Center Map
- Find an exhibitor



2 83 The Ernest N. Morial Convention Center offers several food service options. All concessions take Mastercard, VISA, and American Express.

Atrium

Twain's Deli

- Sat., April 22 10am-3pm
- Sun., April 23 –
 Wed. April 266:30am–3pm
- Thurs., April 276:30am–2pm

Coffee Shop

- Sat., April 227am-2pm
- Sun., April 23 –
 Wed. April 266:30am–4pm
- Thurs., April 276:30am–2pm

Atrium Café

Full-service coffee, breakfast bites, soups, salads, and NOLA favorites

- Thurs., April 27 10am–2pm

Maui Wowi

Coffees and smoothies

- Sun., April 23 Wed. April 266:30am–3pm
- Thurs., April 276:30am–2pm

Exhibit Hall

Espresso Cart

Networking Lounge C

 Sun., April 23 – Wed., April 268am–5pm

Coffee Truck

Networking Lounge B

Sun., April 23 –
 Wed., April 268am–5pm

Exhibit Hall Food Court

Grab n go Espresso Cart

 Sun., April 23 – Wed., April 268am–6pm

Burger Shack

 Sun., April 23 – Wed., April 26 10am–5pm

Korean Bowl

Sun., April 23 –
 Wed., April 26 10am–5pm

NOLA Wok

 Sun., April 23 – Wed., April 26 10am–5pm

Pita Hut Mediterranean

 Sun., April 23 – Wed., April 2610am–5pm

Southwest Bowl

Sun., April 23 –
 Wed., April 26 10am–5pm

Lobby A

Morning Fuel

 Sun., April 23 – Thurs., April 276:30am–4pm

La Nouvelle Foyer (2nd Level)

Espresso Cart

Sun., April 23 –
 Wed. April 266:30am–3pm

2023 Annual Meeting Survey

We want to hear from you! Following the Annual Meeting, all attendees will receive a link to the Annual Meeting Survey. Please take a few minutes to respond and send us your thoughts about how ARVO can continue to improve the Annual Meeting. We appreciate your attendance and look forward to receiving your comments.

Headshot Lounge

Get a free professional headshot taken in Booth 1548 in the Exhibit Hall.

Hours:

Wednesday:

Sunday - Tuesday: 8:30am-12pm, 1-4:30pm 8:30am-12pm

Walk-up only, no appointment necessary. Hair and makeup will not be provided.





Drop-In Mentoring Looking for career guidance from a female perspective?

Mid- and senior-level ARVO members provide 15-30 minute mentoring sessions during ARVO 2023.

Meet with a mentor at ARVO Central in the Exhibit Hall, Sun., April 23 - Wed., April 26, 12-3pm each day. No appointment necessary.





Meeting Management Office

Staff will be available in Room 211–213 throughout the week to assist with Meeting services.

Hours:

- Sat., April 22
- Sun., April 23
- Mon. April 24
- Tues., April 25
- Wed., April 26
- Thurs., April 27

Badge Printing

ARVO 2023 badge printing will be in Lobby B of the Ernest N. Morial Convention Center. Lobby B includes:

- Badge printing Bring your email confirmation with the QR code to an ExpressPass badge printing kiosk. Simply scan the QR code and receive your badges and/or tickets. QR codes can also be used from your smartphone.
- Press Badge Pickup Pre-registered press can simply key in their name and print their badges at a badge printing kiosk.
- Name Badge Replacement Replace a lost or forgotten name badge at the Attendee Help Desk for a \$50 fee. Corrections to the badges are free.
- Exhibitor Badge Pickup All pre-registered exhibitors should print their confirmation and bring it with them to the convention center. Simply scan the QR code at the Exhibitor desk.

Badge Printing Hours

Sunday presenters are strongly encouraged to print their badges on Saturday.

- Fri., April 21
- Sat., April 22
- Sun., April 23
- Mon., April 24
- Tues., April 25
- Wed., April 26
- Thurs., April 27

6–8pm 7am–7pm 7am–6pm 7am–6pm 7am–6pm 7am–6pm 7am–2:30pm

7am–7pm 7am–6:30pm 7am–7pm 7am–6:30pm 7am–6:30pm 7am–5pm

OARVC

Speaker Ready Room — Room 217–219

All speakers are required to check into the Speaker Ready Room at least four hours in advance of their presentation.

- Fri., April 21
- Sat., April 22
- Sun., April 23
- Mon., April 24
 Tues., April 25
- Iues., April 25
 Wed., April 26
- Thurs April 20
- Thurs., April 27

For details, see ARVO.org/Presenters.

Press Activities

ARVO invites members of the press to cover paper and poster sessions at the Meeting. Pre-registered press can simply key in their names and print their badges at a badge printing kiosk. Please note that research presented at the Meeting may be proprietary or submitted for publication.

The Press Room is Room 215–216, with some space available for interviews. Please inquire in the Press Room.

ARVO Fellows

ARVO Fellows in the Class of 2023 may pick up their materials at the Executive Lounge, Room 226 of the convention center, during Badge Printing hours. Ribbons for prior year Fellows will also be available.

Travel Grant Recipients

Need Gifts?

Visit ARVO Central,

Pick up your Travel Grant packet which includes your ribbon and reimbursement form at the Information Desk in Lobby B of the convention center on Saturday. Packets will be available at ARVO Central during the rest of the meeting.

6–8pm 7am–7pm 7am–6pm 7am–6pm 7am–6pm 7am–2:30pm

ARVO/Alcon Keynote Series

Opening Keynote

Sun., April 23 | 10:15-11:30am | Great Hall AD

Emerging imaging technologies to study subcellular architecture, dynamics and function



Jennifer Lippincott-Schwartz, PhD Senior Group Leader Howard Hughes Medical Institute Janelia Research Campus

Closing Keynote

Thurs., April 27 | 4–5:15pm | Great Hall AD

The beauty of sensory diversity



Ivan R. Schwab, MD, FACS Professor Emeritus of Ophthalmology University of California, Davis

The ARVO/Alcon Keynote Series is sponsored by the ARVO Foundation through a generous grant from Alcon Laboratories.

VISIT THE JANSSEN MEDICAL AFFAIRS BOOTH #709 AT ARVO!

OUR VISION Every day we dare to envision a brighter future

We stand by patients with courageous science to match their will. With relentless ingenuity, we aim to achieve extraordinary discoveries including gene therapy innovations. We won't stop striving until we restore and preserve vision for those living with retinal diseases.

www.retina.janssen.com



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ARVO Distinguished Service Awards

Distinguished Service Award recipients will be recognized at the General Business Meeting, Tues, April 25, 10:45–11:30am, Rivergate Room.



Maureen G. Maguire, PhD, FARVO University of Pennsylvania Immediate Past President Trustee, CL Section (2017 – 2022)



Louis R. Pasquale, MD, FARVO Mount Sinai Health Vice President, GL Section (2018 – 2023)



Donald Hood, PhD, FARVO Columbia University Editor-in-Chief, *IOVS* (2018 – 2022)



Andrew "Beau" Watson, OD, PhD Apple, Inc. Editor-in-Chief, *Journal of Vision* (2018 – 2022)



Marco Zarbin, MD, PhD, FARVO Rutgers–New Jersey Medical School Founding Editor-in-Chief, *TVST* (2012 – 2022)

ARVO Awards and Awards Lectures



Proctor Award and Lecture

Mon., April 24, 8:45–9:30am Great Hall AD

Ophthalmology at the forefront of precision medicine: From genes to therapies for inherited retinal degenerations

Eric A. Pierce, MD, PhD, FARVO



Friedenwald Award and Lecture

Mon., April 24, 9:30–10:15am Great Hall AD

The diabetic retinopathy "pandemic" and evolving global strategies

Tien Y. Wong, MBBS, PhD, FARVO



Weisenfeld Award and Lecture

Wed., April 26, 8:45–9:30am Great Hall AD

Iliad and Odyssey: A journey weaving and unweaving the axon

Leonard Levin, MD, PhD, FARVO



Cogan Award and Lecture

Wed., April 26, 9:30–10:15am Great Hall AD

Treating inherited retinal degenerative blindness

Budd Tucker, PhD

Joanne G. Angle Award



Nick Delamere, PhD, FARVO

The Joanne G. Angle Award is the highest service honor to a volunteer professional bestowed by ARVO. This year the award is being presented to Nicholas Delamere, PhD, FARVO.

Delamere is a professor in the Department of Physiology at the University of Arizona in Tucson. He developed a connection with ARVO from the time he attended his first

Annual Meeting as a postdoc in May 1977. An editor of *Investigative Ophthalmology & Visual Science* since 1998, he has served on several ARVO committees over the years, eventually becoming president of the Association in 2009.

"Being recognized in this way is incredibly touching because Joanne Angle was a very dear friend," says Delamere. "It will be an honor to accept the award and be with everyone when we gather in New Orleans."

Delamere will be recognized at the General Business Meeting Tues, April 25, 10:45–11:30am, Rivergate Room.

The Champalimaud Award Lecture Tues., April 25 | 6:30–7:30pm | Great Hall AD

The António Champalimaud Vision Award is presented to active research groups involved in basic or clinical research which has led to a major breakthrough in the understanding and/or the preservation of vision.

The 2022 awards were presented to **Gerrit Melles** (The Netherlands) and **Claes Dohlman** (Sweden) for their groundbreaking research and treatment of corneal diseases, resulting in the restoration of vision for millions of people.

Attend the award lecture to hear Melles and Dohlman present on their revolutionary research and treatment of corneal diseases.



Sun. April 23 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
8–10am	Mechanisms behind Myopia control treatments [VI] — Symposia		La Nouvelle C
	Functional retinal imaging: Optoretinography (ORG) and beyond [MOI] — Symposia	*	La Nouvelle AB
	Cell death in ocular health and disease: Mechanisms and emerging therapeutics [IM] — Symposia		Great Hall BC
10:15– 11:30am	Emerging imaging technologies to study subcellular architecture, dynamics and function — Opening Keynote		Great Hall AD
12–1:45pm	Cellular and genetic diversity in the retinas of human and non-human primates [VN] — Minisymposia	*	244
	Image based machine learning for classification [MOI]	*	356-357
	Retinal Diseases [CL]	*	345
	Amblyopia [EY]	*	344
	Lens cell development and differentiation [LE]	*	343
	Corneal Immunology [CO]	*	252-254
	Corneal Stroma: Keratocytes, wound repair, healing [CO]	*	243
	Molecular Events in Diabetic Retinopathy [BI]	*	R07-R08
	High-dimensional Data Types to Big Data in Ocular Gene Discovery and Translation [GEN]	*	R06
	Neurodegeneration [GL]		R04-R05
	Inherited retinal degeneration: From diagnosis to treatment [RC]	*	R02-R03
	Functional imaging and optoretinography [VI]	*	La Nouvelle C
	AMD antiVEGF [RE]		La Nouvelle AB
	Posterior segment Imaging (non-AMD) [RE]	*	Great Hall BC

Daily Program

Sun., April 23 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
2–3:30pm	Representation Matters: The Value of DEIA in Vision Research		Great Hall AD
3:45–5:30pm	Novel models and approaches for cell replacement in retinal degeneration [RC] — Minisymposia	*	La Nouvelle C
	Low Vision Group: Challenges in intervention effectiveness research [LV]	*	R06
	Consequences of altered cell metabolism and/or mitochondrial functionality during ocular health and disease [IM] — Minisymposia	*	R07-R08
	Retinal Potpourri [RE]	*	353-355
	Glaucoma Data Science [GL]		255-257
	Corneal epithelium [CO]	*	244
	Corneal Neuropathy and Ocular Pain [CO]	*	243
	Myopia: Mechanism of Emmetropization and Eye Growth [AP]	*	R09
	Animal Models of Ophthalmic Disease [GL]		R04-R05
	Diabetic Retinopathy Novel Mechanisms [RC]	*	R02-R03
	AMD: New drugs, delivery systems and mechanisms of action 1 [PH]		R01
	AMD Imaging [RE]	*	La Nouvelle AB

Sun., April 23 Posters

Time	Session Title	Board #
8–9:45am	Retinal ganglion cells, visual circuits and behavior [VN]	B0083-B0111
	Glaucoma: molecular, biochemical and biomechanical mechanisms [BI]	B0112-B0146
	Glaucoma Epidemiology [CL]	B0147-B0201
	Pathobiology of Microbial Infections [IM]	B0202-B0225
	Lacrimal gland and meibomian gland [CO]	B0305-B0322
	Tear film [CO]	B0323-B0338
	Ocular Surface health/disease and microbiome [CO]	B0386-B0399
	Al in the retina, photos and other [RE]	C0049-C0110
	AI in the retina using OCTA [RE]	C0111-C0140
	AI in retina using OCT [RE]	C0141-C0171
	Glaucoma Data Science [GL]	C0226-C0286
	Honing in on phenotypes and treatments using genomic technologies [GEN]	C0328-C0346
	Molecular and Biochemical Mechanisms of Ocular Disease [BI]	C0406-C0422
	Cataract surgery: outcomes and epidemiology [LE]	C0544-C0564
12-1:45pm	Diabetic Retinopathy (clinical studies) [RC]	B0001-B0011
	Retinopathy – novel mechanisms and treatment approaches [RC]	B0032-B0061
	Antimicrobial Resistance: Epidemiology, Antimicrobials and Diagnostics [IM]	B0226-B0252
	Corneal Endothelium 2 [CO]	B0253-B0272
	Corneal Endothelium 1 [CO]	B0273-B0304
	Dry eye [CO]	B0339-B0385
	Corneal Neuropathy and Ocular Pain [CO]	B0400-B0411
	AMD New drugs, delivery systems and mechanisms of action 1 [PH]	C0309-C0327
	Gene therapy and gene editing for ocular disorders [BI]	C0347-C0405
	Myopia Epidemiology and Treatment [CL]	C0488-C0517

Poster board numbers correspond to poster location in the Exhibit Hall. B = Poster Area B, C = Poster Area C.

Daily Program

Sun., April 23 Posters (continued)

Time	Session Title	Board #
12–1:45pm (continued)	Mechanisms of Refractive Error and Eye Development [AP]	C0518-C0543
	Low vision services and quality of life [LV]	C0600-C0613
	Melanoma [AP]	C0636-C0677
3:45-5:30pm	Diabetic Retinopathy (preclinical studies) [RC]	B0012-B0031
	Neurodegeneration [GL]	B0062-B0082
	Applications of adaptive optics and advanced imaging [VI]	C0001-C0029
	High resolution and functional imaging [MOI]	C0030-C0048
	Machine learning for segmentation and classification [MOI]	C0172-C0225
	AMD New drugs, delivery systems and mechanisms of action 2 [PH]	C0287-C0308
	Anterior Segment and Trauma Epidemiology [CL]	C0423-C0487
	Lens aging and cataractogenesis [LE]	C0565-C0576
	Retinal vasculature [RC]	C0577-C0599
	Retinoblastoma and childhood tumors [AP]	C0614-C0635

Connect with ARVO on your favorite social media site to stay up-to-date on the latest news and information on eye and vision research.





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Poster board numbers correspond to poster location in the Exhibit Hall. B = Poster Area B, C = Poster Area C. Mon., April 24 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
7–8:30am	NAEVR Defense Briefing		Rivergate Room
8:45-9:30am	Proctor Award and Lecture		Great Hall AD
9:30– 10:15am	Friedenwald Award and Lecture		Great Hall AD
10:30– 11:15am	Section Business Meetings		Various
11:30am– 1:15pm	Mitochondrial optic neuropathies — from disease mechanisms to therapeutic strategies [EY] — Minisymposia	*	344
	Immune response in the anterior segment of the eye – lens, cornea and anterior uveitis [LE] — Minisymposia	*	La Nouvelle C
	Epigenetic landscape in ocular health and disease [BI] — Minisymposia		Great Hall BC
	Functional imaging [MOI]	*	356-357
	Vision Impairment and Quality of Life [CL]	*	345
	Contact lens [CO]		252-254
	Corneal Endothelium [CO]		244
	Protecting the Ocular Surface from Infection [IM]	*	243
	Mechanisms of tumorigenesis – novel experimental approaches and characterization [AP]	*	R09
	Glaucoma Structure and Function Relationships [GL]		R04-R05
	Retinopathy – novel treatment approaches [RC]	*	R02-R03
	AMD: New drugs, delivery systems and mechanisms of action 2 [PH]		R01
	AI in Retina OCTs [RE]	*	La Nouvelle AB
1:30-3pm	US-China Networking Forum		220-222

Mon., April 24 Pa	pers, Sessions,	Lectures, etc	с.
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Time	Title/ Section	CME Accredited	Location
3:15-5pm	Genetics Group: Broadening diversity and inclusion in ocular genetics and multi-omics research [GEN]		R09
	Extracellular Vesicles in the Eye: From cellular communicators, to biomarkers and therapeutics (Part I) [GL] — Minisymposia	*	255-257
	High-resolution and wide-field imaging [MOI]		356-357
	Refractive Error/Myopia [CL]		345
	Optic Neuropathies [EY]		344
	Lens homeostasis, pathology, and regeneration [LE]	*	343
	Corneal Immunology and Neovascularization [CO]	*	252-254
	Photoreceptors and Outer Retinal Processing [VN]	*	244
	Innate Immunity in Ocular Health and Disease [IM]	*	243
	Advances in gene therapy and gene editing for ocular diseases 1 [BI]		R07-R08
	Low vision and comorbidity [LV]	*	R06
	Neuroprotection [GL]	*	R04-R05
	Emerging topics in the application of stem cells as a tool for vision research [RC]	*	R02-R03
	Aqueous humor dynamics, and IOP [PH]		R01
	Corneal epithelial wound repair and healing [CO]	*	La Nouvelle C
	Al in Retina Imaging [RE]	*	La Nouvelle AB

Mon., April 24 Posters

Time	Session Title	Board #
11:30am– 1:15pm	Aqueous humor dynamics, trabecular meshwork and ciliary body 1 [GL]	B0001-B0028
	Aqueous humor dynamics, IOP, corneal disease, cytokines and growth factors [PH]	B0029-B0041
	Pediatric Epidemiology [CL]	B0042-B0076
	Amblyopia [EY]	B0077-B0106
	Visual psychophysics [VI]	B0124-B0170
	Inherited Retinal Degeneration [RC]	B0171-B0213
	Neuroregeneration and Neuroprotective Mechanisms [GL]	B0234-B0259
	Neuron/Glia Interactions in the Retina [RC]	B0260-B0282
	Regeneration in Retina and RPE: Regulatory Mechanisms [RC]	B0313-B0336
	Inner and outer retinal circuits [VN]	B0337-B0370
	Keratoconus and Collagen Crosslinking [CO]	B0403-B0418
	Corneal Biomechanics [CO]	B0419-B0441
	Corneal Immunology and Neovascularization [CO]	B0442-B0474
	AMD Epidemiology [CL]	C0001-C0024
	Retinal vascular diseases [RE]	C0220-C0255
	Retinal Laser [RE]	C0256-C0265
	Biochemical and Molecular Mechanisms of Diabetic Retinopathy [BI]	C0300-C0337
	High-dimensional data and methods ocular genomic studies [GEN]	C0402-C0427
	AMD Imaging (intermediate AMD) [RE]	C0085-C0107
3:15pm–5pm	Walking and driving with low vision [LV]	B0107-B0123
	Neuroprotection, blood flow, ischemia- reperfusion and oxidative stress [PH]	B0214-B0233
	Glaucoma Structure and Function Relationships [GL]	B0283-B0312
	Immunobiology of Eye Diseases: The Ocular Microenvironment [IM]	B0371-B0402
	Posterior Segment Imaging (Non-AMD) [RE]	C0025-C0037

Poster board numbers correspond to poster location in the Exhibit Hall. B = Poster Area B, C = Poster Area C.

Mon., April 24 Posters (continued)

Time	Session Title	Board #
3:15pm–5pm (continued)	AMD: Cell Biology, Pathology and Pre- Clinical Studies [RC]	C0038-C0084
	AMD Imaging (advanced AMD) [RE]	C0108-C0132
	AMD Clinical Neovascular [RE]	C0133-C0158
	AMD antiVEGF [RE]	C0159-C0204
	AMD Clinical geographic atrophy [RE]	C0205-C0219
	Diabetic Retinopathy [CL]	C0266-C0299
	Biochemical and molecular disease mechanisms of the posterior segment [AP]	C0338-C0362
	Keratitis [CO]	C0363-C0380
	Corneal tissue engineering and regenerative medicine [CO]	C0381-C0401
	Image processing and machine learning [MOI]	C0428-C0463

Meet the Editors

Stop by ARVO Central to meet the editors of two of ARVO's scientific journals

Joseph Carroll, PhD, FARVO Editor-in-Chief, Investigative Ophthalmology & Visual Science

Roy S. Chuck, MD, PhD Editor-in-Chief, *Translational Vision Science & Technology*

Mon., April 24 1:30–3pm Wed., April 26 1:30–3pm

Ask about:

- Journal scope
- Peer review
- Best practices for improving your manuscript
- Causes for rejection
- Anything else you've always wanted to know

Poster board numbers correspond to poster location in the Exhibit Hall. B = Poster Area B, C = Poster Area C. Tues., April 25 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
7–8:30am	Breakfast with the Experts		208–210
8:45– 10:30am	Gene-independent therapeutic approaches for treatment of retinal disease [RC] – Minisymposia		La Nouvelle AB
	RPE heterogeneity in health and disease [BI] — Minisymposia	*	R07-R08
	Extracellular Vesicles in the Eye: From cellular communicators, to biomarkers and therapeutics (Part II) [AP] — Minisymposia	*	R09
	Epstein Award Session		255-257
	Emerging Therapeutics to Maintain Corneal Health [CO] — Minisymposia		La Nouvelle C
	Advances in retinal connectomics [VN] — Minisymposia	*	244
	New imaging technologies - intrasurgical and robotically assisted [MOI]	*	356-357
	Retinal detachment [RE]	*	353-355
	Public Health [CL]	*	345
	Visual Development and Pathways [EY]	*	344
	Cataract risk, mechanisms and treatments [LE]		343
	Mechanisms in Uveitis: Immune Cell Recruitment and Activation [IM]	*	243
	Preferred retinal locus and multisensory perception in low vision [LV]	*	R06
	Aqueous humor dynamics, trabecular meshwork and ciliary body 1 [GL]	*	R04-R05
	Targeting mitochondria [RC]	*	R02-R03
	Retina/RPE: New drugs, delivery and mechanisms of action 1 [PH]		R01
10:45– 11:30am	General Business Meeting		Rivergate

Daily Program

Tues., April 25 Papers, Sessions, Lectures, etc.	Tues.,	April 25	Papers,	Sessions,	Lectures,	etc.
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Time	Title/ Section	CME Accredited	Location
11:45am– 1:30pm	New imaging technology and signal processing [MOI]		356-357
	Vitreoretinal surgery [RE]	*	353-355
	Glaucoma Epidemiology [CL]	*	345
	Neuro-Ophthalmology [EY]	*	344
	Cataract surgery: outcomes, epidemiology and techniques [LE]		343
	Vision assessment and clinical applications [VI]		255-257
	Dry eye (clinical) [CO]		252-254
	Inner Retinal Circuits [VN]	*	244
	Ocular microenvironment in shaping immune response [IM]	*	243
	Myopia: Structural Changes from Retina to Sclera [AP]	*	R09
	Functional exploration of genetic variants in ocular disorders [BI]	*	R07-R08
	Improving visual functioning through advanced technology [LV]		R06
	Neuroregeneration [GL]	*	R04-R05
	Eye Development: Regulatory Mechanisms and Networks [RC]	*	R02-R03
	Retina/RPE: New drugs, delivery and mechanisms of action 2 [PH]		R01
	Corneal Development and Molecular Biology [CO]	*	La Nouvelle C
	Diabetic Macular Edema [RE]		La Nouvelle AB
1:45–3:15pm	15th Annual WEAVR Luncheon		Great Hall BC
3:30–5:15pm	Seeing Diversity through the Human Eyes by Computer Vision [CL] — Minisymposia		243
	Myopia control and refractive error development [VI]	*	255-257
	Keratitis [CO]	*	252-254
	Dry eye (non clinical) [CO]		244
Tues., April 25 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
3:30–5:15pm (continued)	Diagnostic, prognostic, therapeutic implications for ocular tumors [AP]		R09
	Genomic dissection of the eye using 'omics and single cell technology [GEN]	*	R06
	New Ideas in Glaucoma [GL]	*	R04-R05
	Mechanisms of Retinal Vascular Remodeling and Barrier Function [RC]	*	R02-R03
	Neuroprotection and blood flow [PH]	*	R01
	AMD Translational Studies [RE]	*	La Nouvelle C
	Retinal vascular diseases [RE]		La Nouvelle AB
6:30–7:30pm	Champalimaud Vision Award Lecture		Great Hall AD



National Eye Institute

How to successfully navigate the NEI grant application process from pre-submission to post-award Wed., April 26, 9–11am

Exhibitor Education Lounge, Exhibit Hall

Learn about NEI funding opportunities, what factors are considered when making funding decisions, and responsibilities after an award is made. Program Officers from NEI's Division of Extramural Science Programs and Scientific Review Officers and Grant Specialists from NEI's Division of Extramural Activities will present information about what you need to know during each stage of the application process. Understanding NEI priorities and the NIH grant process is critical for writing competitive grant applications.

Tues., April 25 = Posters

Time	Session Title	Board #
8:45– 10:30am	Presbyopia and intraocular lenses [VI]	B0001-B0029
	Flow imaging [MOI]	B0086-B0130
	Neuroprotective Therapies [GL]	B0213-B0230
	Retina/ RPE: New drugs, mechanisms of action and toxicity [PH]	B0304-B0319
	Drug delivery: Iris, ciliary body and posterior segment [PH]	B0320-B0342
	Diabetic Macular Edema Clinical Research [RE]	B0452-B0480
	Diabetic Retinopathy Medical [RE]	B0481-B0517
	Diabetic Macular Edema Anti-VEGF [RE]	B0518-B0535
	AMD translational studies [RE]	C0001-C0029
	AMD Clinical Intermediate AMD [RE]	C0030-C0062
	Ocular pathologies: From genes to genomes in diverse populations [GEN]	C0110-C0134
	Reading and information access [LV]	C0149-C0158
11:45am– 1:30pm	Conjunctiva: cell biology, disease and surgery [CO]	B0367-B0383
	Mediating inflammation [RC]	B0427-B0451
	Retinal pigment epithelium [RC]	C0063-C0109
	Transcriptomics, proteomics, metabolomics and systems biology [BI]	C0135-C0148
	Public Health [CL]	C0159-C0180
	Healthcare Research [CL]	C0181-C0232
	Corneal epithelial wound repair and healing [CO]	C0253-C0289
	Corneal cell and molecular biology [CO]	C0290-C0318
	Stem Cells and Organoids [RC]	C0360-C0398
	Rod and cone physiology [RC]	C0399-C0422
3:30-5:15pm	Cataract surgery: outcomes and techniques [LE]	B0030-B0051
	Retinal Function Testing and Evaluation [RE]	B0052-B0069
	Functional imaging [VI]	B0070-B0085

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Tues.,	April 25	Posters	(continued)
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Time	Session Title	Board #
3:30–5:15pm (continued)	New development of OCT and OCTA [MOI]	B0131-B0162
	Research in Clinical Imaging for the Anterior Segment, Glaucoma, and Retina [MOI]	B0163-B0212
	Aqueous humor dynamics, trabecular meshwork and ciliary body 2 [GL]	B0231-B0280
	Retina/RPE: Physiology/Pharmacology and Metabolism [PH]	B0281-B0303
	Contact lens [CO]	B0343-B0366
	Advances in Ocular Inflammatory Disease Therapy [IM]	B0384-B0416
	The Role of Microbiome and Environmental Exposures in Ocular Inflammation [IM]	B0417-B0426
	Corneal Epithelium [CO]	C0233-C0252
	Ocular tumors (not melanoma and not RB) – pathogenesis, diagnostic, therapeutics [AP]	C0319-C0336
	Retina Development [RC]	C0337-C0359
	Macular diseases excluding AMD [RE]	C0423-C0460
	Other Retinal Conditions [RE]	C0461-C0528

Future ARVO Annual Meetings

May 5 – 9, 2024 Seattle, Wash. visitseattle.org

May 4 – 8, 2025 Austin, Tex. austintexas.org

May 3 – 7, 2026 Denver, Colo. denver.org May 2 – 6, 2027 San Diego, Calif. sandiego.org

April 30 – May 4, 2028 Toronto, ON, Canada. destinationtoronto.com

Poster board numbers correspond to poster location in the Exhibit Hall. B = Poster Area B, C = Poster Area C.

Daily Program

Wed., April 26 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
8:45–9:30am	Weisenfeld Award and Lecture		Great Hall AD
9:30– 10:15am	Cogan Award and Lecture		Great Hall AD
10:30am– 12:15pm	Understanding Systemic Disease through Vascular Imaging [VI] — Minisymposia		La Nouvelle C
	New diagnostic techniques and biomarkers [MOI]		356-357
	Retinal prostheses, cell transplantation and gene therapy [RE]	*	353-355
	Pediatric Epidemiology [CL]	*	345
	Crystalline lens and accommodation [VI]	*	255-257
	Corneal tissue engineering and regenerative medicine [CO]		252-254
	Retinal Disease, regeneration, and repair [VN]	*	244
	Microbial Infection and Immunity [IM]	*	243
	Advances in gene therapy and gene editing for ocular disorders 2 [BI]		R07-R08
	Ocular Flow and Biomechanics [GL]	*	R04-R05
	Regulation of lipid metabolism in retinal health and disease [RC]		R02-R03
	Physiology/Pharmacology: Trabecular meshwork and Retina/ RPE [PH]		R01
	Diabetic Retinopathy Medical [RE]	*	La Nouvelle AB
12:30–2pm	NEI Director's Session – What's New at the National Eye Institute in 2023		Great Hall BC
2:15–4pm	OCT angiography clinical applications [MOI]	*	356-357
	Endophthalmitis Clinical [RE]	*	353-355

Wed., April 26 Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
2:15–4pm (continued)	Epidemiology of Anterior Segment and Trauma [CL]		345
	Pediatric Ophthalmology [EY]	*	344
	Lens cell biology and biomechanics [LE]	*	343
	Corneal Biomechanics [CO]		252-254
	Retinal Ganglion Cells and Beyond [VN]	*	244
	Antimicrobial and Immunomodulatory Therapeutics [IM]	*	243
	Myopia: Structure-Function Relationship [AP]		R09
	The optic nerve and lamina cribrosa in glaucoma [BI]	*	R07-R08
	Molecular basis of heritable ocular phenotypes [GEN]	*	R06
	Clinical Studies and Clinical Research [GL]		R04-R05
	Glial contributions in the retina [RC]	*	R02-R03
	Advanced imaging methods and clinical applications [VI]	*	La Nouvelle C
	AMD Clinical Research [RE]		La Nouvelle AB
4-5:30pm	NEI Global Health Session		R09



Wed., April 26 Posters

Time	Session Title	Board #
10:30am– 12:15pm	Gene and Cell Therapy [RC]	B0121-B0151
	Cellular pathways underlying retinal degeneration [RC]	B0152-B0182
	The Role of Infiltrating Immune Cells in Ocular Disease [IM]	B0183-B0204
	Endophthalmitis Clinical & Intravitreal/ periocular local therapies (excluding anti VEGF) [RE]	B0242-B0254
	Dry eye (Clinical) [CO]	B0255-B0311
	Dry Eye and MGD (Clinical) [CO]	B0312-B0331
	Corneal Imaging [CO]	B0332-B0354
	Thyroid eye disease and extraocular muscles [EY]	B0355-B0372
	Orbit and Oculoplastics [EY]	B0373-B0395
	Neuro-Ophthalmology [EY]	B0396-B0447
	Lens cell biology and stress [LE]	C0001-C0014
	Myopia: Clinical Interventions and Diagnostics [AP]	C0015-C0048
	Retinal diseases Epidemiology and Treatment [CL]	C0133-C0160
	Visual impairment and visual quality of life [CL]	C0161-C0198
	Glaucoma Surgery and Wound Healing [GL]	C0267-C0316
	Clinical Studies and Clinical Research [GL]	C0317-C0345
2:15–4pm	Biochemistry and Molecular Biology of the Retina/RPE [BI]	B0001-B0069
	Genetic variants in human ocular disease [BI]	B0070-B0120
	Retinal detachment, proliferative vitreoretinopathy and trauma [RE]	B0205-B0241
	Corneal stroma: Keratocytes, wound repair and healing [CO]	C0049-C0071
	Retinal prostheses, cell transplantation and gene therapy [RE]	C0072-C0096
	Retinitis pigmentosa [RE]	C0097-C0132

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Wed., April 26 Posters

Time	Session Title	Board #
2:15–4pm (continued)	New biomarkers and preclinical [MOI]	C0199-C0224
	Animal Models [GL]	C0225-C0246
	Ocular Flow and Biomechanics [GL]	C0247-C0266
	Physiology/Pharmacology: Trabecular meshwork and Retina/RPE [PH]	C0346-C0357

MIT Poster Award Session & Judging

Wed., April 26 | 5:30–7pm | Mosaic Lounge

MIT First Authors of the top five scored poster abstracts from each Scientific Section and Cross-sectional Group will participate in the MIT Outstanding Poster Award Competition. One award recipient from each Scientific Section and Cross-sectional Group will be selected by judges from each scientific section. Award recipients will be selected based on how well a poster displays the abstract's research and on how effectively the MIT First Author discusses the research with the judges and with meeting participants.

All meeting participants are invited to view the competing posters and presentations. Winners will be announced on Thursday at the Closing Keynote Session.

Light refreshments will be served.

Poster board numbers correspond to poster location in the Exhibit Hall. B = Poster Area B, C = Poster Area C.

Thurs., April 27 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
8–10am	Aging and sex as risk factors across multiple eye diseases – Understanding the biological roles they play [LE] — Symposia	*	Great Hall BC
	Advanced molecular and bioinformatics methods define a new horizon for eye disease [IM] — Symposia		La Nouvelle C
10:30am– 12:15pm	Retinopathy of prematurity [RE]		353-355
	Lens fibrosis and stress [LE]	*	343
	Visual Fields and Psychophysics [GL]		255-257
	Corneal development and cell differentiation [CO]	*	252-254
	Uveitis Therapeutics: Current State of the Art and Future Directions [IM]	*	243
	Myopia: Emerging Clinical Interventions and Outcomes [AP]		R09
	New frontiers in retina/RPE biology [BI]		R07-R08
	Aqueous humor dynamics, trabecular meshwork and ciliary body 2 [GL]	*	R04-R05
	Modeling inherited retinal disease [RC]	*	R02-R03
	Retina/RPE: Physiology, Pharmacology and Metabolism [PH]		R01
	AMD Clinical Trials [RE]	*	Great Hall BC
12:45– 2:30pm	New machine learning methods for image analysis [MOI]		356-357
	Retinitis pigmentosa [RE]		353-355
	Health Care Delivery [CL]	*	345
	Eye Movement Disorders [EY]		344
	Cataract and intraocular lenses [VI]	*	255-257
	ERG: Basic Mechanisms and Disease [VN]	*	244

Thurs., April 27 = Papers, Sessions, Lectures, etc.

Time	Title/ Section	CME Accredited	Location
12:45– 2:30pm (continued)	Macular diseases excluding AMD [RE]		R07-R08
	Cornea: other [CO]	*	R06
	Glaucoma Surgery and Lasers [GL]		R04-R05
	Age and cellular senescence [RC]	*	R02-R03
4–5:15pm	The beauty of sensory diversity — Closing Keynote		Great Hall AD



National Alliance For Eye And Vision Research

Visit NAEVR Central in the Exhibit Hall Hours: Sun. - Wed., 8:30am-5pm

Hosted by NAEVR's Dan Ignaszewski and David Epstein

- Contact Congress to support vision research funding increases
- Learn about research funding resources, such as multiple Department of Defense (DoD) funding opportunities to meet critical vision research gaps

NAEVR's Defense-Related Vision **Research Opportunities Session**

Mon., April 24, 7-8:30am, Rivergate Room

NAEVR has invited DoD representatives to speak about FY2023 funding opportunities and past DoD awardees to offer insights into how researchers can be most responsive to the funding Program Announcement.

eyeresearch.org

Thurs., April 27 Posters

Time	Session Title	Board #
8–9:45am	Insights into anterior segment disorders, periadnexal and orbital disorders, and development [AP]	B0001-B0024
	Corneal surgery: non refractive [CO]	B0079-B0101
	Corneal Surgery Refractive [CO]	B0102-B0120
	Ocular Inflammatory Disease Measurements and Impact [IM]	B0121-B0155
	Animal Models of retinal injury and disease [RC]	B0251-B0283
	Glaucoma Lasers [GL]	C0001-C0016
	Retinopathy of prematurity [RE]	C0064-C0087
	Myopia and refractive error development [VI]	C0121-C0151
	Ocular biometry and modelling [VI]	C0152-C0171
	Numerical techniques in visual optics [VI]	C0196-C0212
	Other technologies and developments [MOI]	C0244-C0270
	Non-optical imaging [MOI]	C0271-C0280
	Low vision: self-report and performance measures [LV]	C0293-C0306
10:30am– 12:15pm	Cornea: Other 1 [CO]	B0026-B0052
	Cornea: Other 2 [CO]	B0053-B0078
	Anti-inflammatory agents, antibiotics, and ocular toxicology [PH]	B0156- B0168a
	Retinoids and carotenoids [BI]	B0169-B0178
	Retinal disease, regeneration, and repair [VN]	B0210-B0250
	Vitreoretinal surgery [RE]	C0017-C0063
	Strabismus [EY]	C0088-C0102
	Eye Movements and Nystagmus [EY]	C0103-C0120
	Clinical assessment of vision [VI]	C0172-C0195
	Teaching, Research Publication [CL]	C0307-C0339
12:45-2:30pm	Retina Cell Biology [RC]	B0179-B0209
	Visual Fields and Psychophysics [GL]	C0213-C0243
	Brain stimulation, cortical technology and virtual reality [LV]	C0281-C0292

Poster board numbers correspond to poster location in the Exhibit Hall. B = Poster Area B, C = Poster Area C.

Social Events

ARVO Social Events

Sunday Social at Fillmore New Orleans*

Sun., April 23, 7:30-10:30pm 6 Canal St.

Always a popular event, this year's Sunday Social features a live band, NOLA-style activities and entertainment. Ticket includes admission and two drinks

Student/Trainee Social

Mon., April 24, 6:30-8pm Ernest N. Morial Convention Center | Mosaic Lounge

Members-in-Training are invited to join us in honoring the 2023 Travel Grant Recipients. Come and mingle with your colleagues and make new acquaintances.

ARVO Karaoke at Republic NOLA*

Wed., April 26, 9pm-12midnight 828 South Peters St.

Located in the French Quarter, this venue is ideal for showing your vocal talents or cheering on your favorite performer. Admission includes one drink. Light snacks will be provided. You must be 18 years or older to attend this event.

ARVO 2024 Seattle Kick-Off Reception

Thurs., April 27, 2:45-3:45pm Ernest N. Morial Convention Center | Exhibit Hall

Join ARVO as we look forward to the ARVO 2024 Annual Meeting, May 5 - 9.

*Admission ticket required. Tickets available Saturday in Lobby B registration and Sunday - Wednesday at ARVO Central.

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Special Interest Group sessions

Join us online for 44 Special Interest Group (SIG) sessions.

SIG sessions are open to all 2023 Annual Meeting attendees and ARVO members.

SIG Dates

- May 11
- June 13
- June 29

Sessions will take place at 8am, 12pm and 6pm U.S. ET each day.

Sept. 12

Sept. 28

Learn more about the SIG sessions.

ARVO.org/SIG



Conferences and Workshops

Online Conferences

- Biomarkers in Ophthalmology Nov. 8 – 9 Call for proposals: May 15 – June 26
- Advance Research Career Development Conference Jan. 31 – Feb. 1, 2024

Committee workshops

- May 25 How artificial intelligence can help bring ophthalmic care to underserved communities
- June 21 Utilizing social media to further vision research
- July 19 Non-invasive assessment of visual system structure and function in animal models
- Sept. 6 Funding mechanisms for eye research
- Sept. 20 Vision health disparities in minority populations across the globe
- Oct. 4 A practical guide to scientific branding: Establishing and maintaining a social media presence





Exhibit Hall Hours

Sun., April 23 Mon., April 24 Tues., April 25 Wed., April 26 Thurs., April 27 8:30am–5pm 8:30am–5pm 8:30am–5pm 8:30am–5pm 8:30am–4pm (ARVO Central and posters only)

The Association for Research in Vision and Ophthalmology gratefully acknowledges the support of exhibiting companies and Annual Meeting supporters.

Exhibit Hall



Exhibit Hall



Entrance

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Exhibits	current	as of	March	15,	2023
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ARVO Fellows 2023

ARVO will induct the Fellows Class of 2023 at the opening ARVO/Alcon Keynote Session, to recognize and honor these members for their leadership, dedication and contributions to the Association.

Gold Fellows

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Dowling Society

The ARVO Foundation for Eye Research would like to recognize the members of the Dowling Society. Established to honor the innovative vision researcher and first chairman of the ARVO Foundation Board of Governors, John E. Dowling, PhD, FARVO, the society carries forth his spirit of innovative research by recognizing individuals for their significant support of eye and vision research.

Thank you to the generous members of the Dowling Society who have made a pledge or donation of \$10,000 or more.

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The new Legacy Society for Planned Giving provides an opportunity for individuals to continue to advance research far beyond their career journey. Consider being part of this exciting opportunity by including a generous gift to the ARVO Foundation in your financial and estate planning. Your gifts, large or small, are critical to our mission.

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Shuttle Service: Hotels – Convention Center

ARVO is providing complimentary shuttle service that will be making continuous loops from each dedicated hotel route to the convention center.

Shuttle hours

- Sat., April 22
- Sun., April 23
- Mon., April 24
- Tues., April 25
- Wed., April 26
- Thurs., April 27

6:30am-6: 30pm 6:30am-7:30pm 6:30am-8:30pm 6:30am-8pm 6:30am-7:30pm 6:30am-6pm

Midday service (10am-4pm) leaves the convention center on the hour.

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- Courtyard Iberville
- Renaissance Pere Marquette
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- Sheraton New Orleans Hotel
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Shuttles pick up and drop off attendees at the Transportation Hub across from Hall G at the Convention Center.

Consult the NextBus app via the ARVO mobile app for real-time shuttle information.





Reserve your ARVO 2024 hotel online before you go home!

Hotel reservations for ARVO 2024 in Seattle open on Mon., April 24.

All attendees are encouraged to book their hotel for the 2024 Annual Meeting before heading home.

Two ways to book:

- Stop by the Visit Seattle Booth in ARVO Central
- Reserve online at **ARVO.org/Hotels**

Hotels are available in all price ranges and service levels, and your favorite hotel brands are represented. Official hotels are within a 15-minute walk of the Washington State Convention Center.

Please note: ARVO cannot assume responsibility for rooms reserved at hotels outside the ARVO block (either at hotels not listed or booked directly with the hotels). Special requests (i.e., king-size bed, non-smoking) may be noted but cannot be guaranteed. If you require accessible accommodations, contact ARVO's Housing Bureau with details.

ARVO.org/Hotels

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Your generous gift today will support travel awards for young scientists to attend ARVO's next meeting in Seattle. — Don Hood, PhD, FARVO

Ways to give

- In ARVO Central in the Exhibit Hall
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- Kreissig Award for Excellence in Retina Surgery
 The Lighthouse Guild
- The Lighthouse Guild Oberdorfer Award for Low Vision Research
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