

Sunday, May 1 ■ Symposia, Minisymposia, Keynote, Papers

Time	Session	Title/ Section	CME Accredited	Location
8–10am		<b>Cell-based therapies for vision restoration [GL] — Symposium</b>	*	2C/3C Mile High Ballroom
		<b>Cellular senescence and immune response in ocular health and disease [IM] — Symposium</b>		2B/3B Mile High Ballroom
		<b>New vision for restoring visual system dysfunction: Role of neuromodulation and optogenetics in rehabilitation [EY] — Symposium</b>		2A/3A Mile High Ballroom
10:30– 11:45am		<b>ARVO/Alcon Keynote Series — History and biology of coronaviruses: The story behind COVID-19</b>		Four Seasons Ballroom 2/4
12:15–2pm		<b>Cellular reprogramming and regenerative strategies to treat ocular diseases [CO] — Minisymposium</b>	*	2A/3A Mile High Ballroom
		<b>Decoding the transcriptional and epigenetic dynamics generating cell type populations in the developing retina [RC] — Minisymposium</b>	*	2B/3B Mile High Ballroom
		<b>Keratoconus —A physiological optics perspective [VI] — Minisymposium</b>	*	702/704/ 706
		<b>Social Determinants of Eye and Vision Health [CL]— Minisymposium</b>	*	1CD Mile High Ballroom
		<b>Visual perception and Eye Movements: A common link [EY] — Minisymposium</b>	*	4CD Mile High Ballroom
12:15– 2:15pm	100	<b>If the eye is a camera, the retina is the film — Retinal pathologic insights [AP]</b>	*	1AB Mile High Ballroom

# Daily Program

Sunday, May 1 ■ Award Session, Papers, MOI Group

Time	Session	Title/ Section	CME Accredited	Location
12:15– 2:15pm (continued)	101	Application of multi-omics to inherited ocular disease [GEN]		1EF Mile High Ballroom
	102	Neurodegeneration [GL]	*	2C/3C Mile High Ballroom
	103	Cataractogenesis: pathogenesis, prevention and treatment [LE]	*	605/607
	104	Microglia in AMD and other immune factors in Retinal Degenerative Diseases [IM]	*	601/603
	105	Vitreoretinal Surgery [RE]	*	205/207
	106	Macular Diseases excluding AMD [RE]	*	Four Seasons Ballroom 1
	107	Retinal ganglion cells and central processing [VN]	*	4EF Mile High Ballroom
2:45–3:30pm		Epstein Award Session [GL]		601/603
2:45–4:15pm		Multidisciplinary Ophthalmic Imaging Group — AI based imaging biomarker: new updates and real-world implementation [MOI]		4EF Mile High Ballroom
2:45–4:45pm	119	Myopia: Structure-Function Relationship [AP]		1AB Mile High Ballroom
	120	Molecular events in diabetic retinopathy [BI]	*	4AB Mile High Ballroom
	121	Corneal Immunology and Neovascularization [CO]	*	605/607
	122	Dry Eye, Clinical [CO]	*	2A/3A Mile High Ballroom
	123	Optic Neuropathies — Diagnostic and Therapeutic Approaches [EY]	*	4CD Mile High Ballroom
	124	Surgery and Wound Healing [GL]	*	2C/3C Mile High Ballroom

Sunday, May 1 ■ Papers

Time	Session	Title/ Section	CME Accredited	Location
2:45–4:45pm (continued)	125	Aqueous humor dynamics and IOP [PH]		1EF Mile High Ballroom
	126	Retinal Gene Therapy [RE]	*	Four Seasons Ballroom 1
	127	Lipid signaling and homeostasis in retinal health and disease [RC]	*	2B/3B Mile High Ballroom
5:15–7:15pm	141	Glaucoma: molecular, biochemical and biomechanical mechanisms [BI]	*	4AB Mile High Ballroom
	142	Epidemiology of Diabetic Retinopathy [CL]	*	1CD Mile High Ballroom
	143	Corneal cell and molecular biology   Corneal Development [CO]	*	2A/3A Mile High Ballroom
	144	Structure-Function Relationship [GL]	*	2C/3C Mile High Ballroom
	145	Lens development and differentiation [LE]	*	605/607
	146	Vision Impairment: Impact on Driving and Mobility [LV]		4CD Mile High Ballroom
	147	Innovations in image processing and artificial intelligence [MOI]	*	702/704/ 706
	148	Pathobiology of Microbial Infections [IM]	*	601/603
	149	Neuron rescue and regeneration in the retina [RC]	*	2B/3B Mile High Ballroom
	150	Retinal metabolism [PH]	*	1EF Mile High Ballroom
	151	AMD Functional Testing [RE]	*	Four Seasons Ballroom 1
	152	Myopia and refractive error development [VI]	*	205/207

## Sunday, May 1 ■ Posters

Time	Session #	Session Title	Board #
12:15– 2:15pm	108	Gene Therapy and Gene Editing for Ocular Disorders [BI]	A0023 - A0062
	109	Corneal stromal biology, wound healing modulators and regeneration [CO]	A0188 - A0216
	110	Retina imaging and pupillometry [EY]	A0281 - A0294
	111	Inherited Retinal Disease Genetics I [GEN]	A0313 - A0326
	112	IOP and laser therapy [GL]	A0340 - A0364
	113	Machine Learning and Image Processing [MOI]	F0019 - F0088
	114	Myopia epidemiology [CL]	A0096 - A0119
	115	Vascular Biology [RC]	F0311 - F0330
	116	AMD and diabetic retinopathy [PH]	F0089 - F0117
	117	AMD: Clinical and translational research/AMD therapies (excluding anti-VEGF) [RE]	F0146 - F0216
2:45– 4:45pm	118	Applications of adaptive optics and advanced imaging [VI]	F0424 - F0440
	128	AMD - Biochemical and molecular disease mechanisms [AP]	A0001 - A0022
	129	Genetic variants in human ocular disease [BI]	A0063 - A0095
	130	Contact lens [CO]	A0217 - A0252
	131	Diabetic retinopathy epidemiology [CL]	A0120 - A0158
	132	Oculoplastics [EY]	A0295 - A0312
	133	Inherited Retinal Disease Genetics II [GEN]	A0327 - A0339
	134	Structure-Function Relationship [GL]	A0365 - A0385
	135	Lens Biology [LE]	F0001 - F0018

Poster board numbers correspond to poster location in the Exhibit Hall.  
A = Poster Area A, F = Poster Area F.

## Sunday, May 1 ■ Posters (continued)

Time	Session #	Session Title	Board #
2:45 – 4:45pm (continued)	136	New drugs, mechanisms of action and ocular toxicology [PH]	F0118 - F0145
	137	Endophthalmitis/ trauma/Intravitreal/ periocular therapies [RE]	F0217 - F0237
	138	Machine Learning and Augmented Virtual reality [VI]	F0441 - F0463
	139	Electroretinography: basic mechanisms and disease [VN]	F0388 - F0423
	140	Cell biology of retinal diseases [RC]	F0331 - F0363
5:15– 7:15pm	153	Corneal Immunology and Neovascularization [CO]	A0253 - A0280
	154	Neurodegeneration [GL]	A0386 - A0410
	155	Immunobiology: Ocular Surface, Glaucoma and Retinal Degeneration [IM]	A0411 - A0435
	156	Retinal ganglion cells [RC]	F0364 - F0387
	157	Imaging of posterior segment [RE]	F0238 - F0310
	158	Vision care training and education [CL]	A0159 - A0187

Save the date

ARVO  
2023

April 23 – 27  
New Orleans, La.

Poster board numbers correspond to poster location in the Exhibit Hall.  
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# Daily Program

Monday, May 2 ■ Lectures, Papers, Low Vision Group

Time	Session	Title/ Section	CME Accredited	Location
7–8am		NAEVR Briefing		Mile High Ballroom 1AB
8–8:45am		<b>Proctor Award and Lecture</b>		Four Seasons Ballroom 2/4
8:45–9:30am		<b>Weisenfeld Award and Lecture</b>		Four Seasons Ballroom 2/4
10–11:30am		Low Vision Group — Spotlight on macular disease: Impact on everyday function and wellbeing [LV]	*	4CD Mile High Ballroom
10am–12pm	200	Antimicrobial and Immunomodulator Therapeutics [IM]	*	601/603
	201	Myopia: Mechanism of Emmetropization and Eye Growth [AP]	*	1AB Mile High Ballroom
	202	Gene therapy and other novel therapeutics in ophthalmic diseases 1 [BI]		4AB Mile High Ballroom
	203	Gene and Cell Therapy for Retinal Disease [RC]	*	2B/3B Mile High Ballroom
	204	Corneal epithelial biology and repair mechanisms [CO]		2A/3A Mile High Ballroom
	205	Glaucoma Genetics [GEN]	*	1EF Mile High Ballroom
	206	Neuroprotection and neuroregeneration [GL]	*	2C/3C Mile High Ballroom
	207	Lens epithelial cell stress and function [LE]	*	605/607
	208	Diabetic Retinopathy [RE]	*	205/207
	209	AI in Retina [RE]	*	Four Seasons Ballroom 1

## Monday, May 2 ■ Minisymposia, Papers

Time	Session	Title/ Section	CME Accredited	Location
10am–2pm (continued)	210	Retinal circuits [VN]	*	4EF Mile High Ballroom
12:30– 2:15pm		<b>Advances and insights into retinal disease, therapy and development using human retinal organoids [BI] — Minisymposium</b>		4AB Mile High Ballroom
		<b>Innovation in simulation based ophthalmic surgical training delivery [CL] — Minisymposium</b>	*	1CD Mile High Ballroom
		<b>Segmental aqueous humor outflow and its role in IOP regulation [AP] — Minisymposium</b>	*	2C/3C Mile High Ballroom
		<b>The microbiome and ocular health [IM] — Minisymposium</b>	*	601/603
		<b>Vergence abnormalities and adaptations: Insights from animal and human studies [EY] — Minisymposium</b>	*	4CD Mile High Ballroom
12:30– 2:30pm	220	Not all who wanders is lost - Prognostication, diagnosis, and treatments of ocular tumors [AP]	*	1AB Mile High Ballroom
	221	Contact lens [CO]		2A/3A Mile High Ballroom
	222	Stem cell models of retinogenesis and retinal disease [RC]	*	2B/3B Mile High Ballroom
	223	Advances in high resolution imaging [MOI]		702/704/ 706
	224	Neuroprotection [PH]	*	1EF Mile High Ballroom
	225	AMD Translational Research [RE]	*	205/207

# Daily Program

Monday, May 2 ■ Minisymposia, Papers, Imaging Special Session

Time	Session	Title/ Section	CME Accredited	Location
12:30– 2:30pm (continued)	226	AMD and Geographic Atrophy [RE]		Four Seasons Ballroom 1
3 – 4:45pm		<b>Molecular determinants of variable phenotypes in ocular disorders [BI] — Minisymposium</b>	*	4AB Mile High Ballroom
		<b>Optoretinography: technique and findings for understanding retinal function [VI] — Minisymposium</b>		702/704/706
		<b>Oxidative stress in age-related eye diseases - what do we know now? [LE] — Minisymposium</b>	*	605/607
		<b>Retinal ganglion cells and reflexive vision [VN] — Minisymposium</b>	*	4EF Mile High Ballroom
3–5pm	238	Vision Function, Aging Outcomes, and Quality of Life [CL]	*	1CD Mile High Ballroom
	239	Corneal Imaging and Corneal Nerves [CO]		2A/3A Mile High Ballroom
	240	Nystagmus and Strabismus: Genetics, animal models and imaging [EY]	*	4CD Mile High Ballroom
	241	New Ideas in Glaucoma [GL]	*	2C/3C Mile High Ballroom
	242	Drug delivery [PH]	*	1EF Mile High Ballroom
	243	Retinal Prostheses and Transplantation [RE]		Four Seasons Ballroom 1
	244	Non-neuronal control of retinal neuron regeneration [RC]	*	2B/3B Mile High Ballroom
5:30–7pm		ARVO Imaging 2022 Special Session		2B/3B Mile High Ballroom



## Monday, May 2 ■ Posters

Time	Session #	Session Title	Board #
10am– 12pm	211	Transcriptomics, proteomics, metabolomics and systems biology [BI]	A0023 - A0039
	212	Corneal Imaging and Corneal Nerves [CO]	A0186 - A0229
	213	Amblyopia [EY]	A0338 - A0358
	214	Visual Fields and Psychophysics [GL]	A0391 - A0424
	215	Aqueous humor dynamics, IOP, corneal disease, cytokines and growth factors [PH]	F0100 - F0126
	216	Anti-VEGF in AMD [RE]	F0146 - F0182
	217	Retina Development and Regeneration [RC]	F0280 - F0309
	218	Telehealth [CL]	A0075 - A0120
	219	Refractive Error: Myopia, Hyperopia, vision and models [VI]	F0383 - F0413
12:30– 2:30pm	227	Dry Eye, Clinical [CO]	A0230 - A0294
	228	Neuro-ophthalmology [EY]	A0359 - A0376
	229	Molecular Mechanisms Underlying Inherited Ocular Disease [GEN]	A0377 - A0390
	230	Neuroprotection and Neuroregeneration [GL]	A0425 - A0448
	231	Glaucoma epidemiology [CL]	A0121 - A0157
	232	Infection and Immunity [IM]	A0493 - A0512
	233	Cataract surgery 1 [LE]	F0001 - F0024
	234	Quality of Life Outcomes, Rehabilitation and Training Programs [LV]	F0025 - F0040
	235	Retinal vascular diseases [RE]	F0183 - F0220
236	Photoreceptor Biology, Protection and Degeneration [RC]	F0310 - F0346	

Poster board numbers correspond to poster location in the Exhibit Hall.  
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## Monday, May 2 ■ Posters (continued)

Time	Session #	Session Title	Board #
12:30– 2:30pm (continued)  3–5pm	237	IOLs and Presbyopia [VI]	F0414 - F0438
	245	Mechanisms of Refractive Error and Eye Development [AP]	A0001 - A0022
	246	Animal models of human ocular disease [BI]	A0040 - A0074
	247	Modeling inherited retinal degeneration [RC]	F0347 - F0382
	248	Dry eye regulators: lacrimal gland, Meibomian gland, basic mechanisms [CO]	A0295 - A0337
	249	Data science, machine learning, and AI [GL]	A0449 - A0492
	250	Machine Learning: Segmentation and Classification [MOI]	F0041 - F0099
	251	Anti inflammatory agents, antibiotics and antivirals [PH]	F0127 - F0145
	252	Public Health I [CL]	A0158 - A0185
	253	Diabetic Retinopathy [RE]	F0221 - F0279
	254	Uveitis: Translational and Pre-clinical Studies [IM]	A0513 - A0526
	255	Fundamental and Applied Psychophysics and Color Vision [VI]	F0439 - F0470

### Don't miss another poster!

In addition to posters being in person during the Annual Meeting, all posters will also be available on the Annual Meeting virtual site, starting May 1 to June 30.

Access to the Annual Meeting virtual site is included with your Annual Meeting registration. Attendees should have received an access link to log in to the virtual site in their email. The link for the virtual site is <https://arvo2022.arvo.org/>.

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Tuesday, May 3 ■ Symposia, Papers

Time	Session	Title/ Section	CME Accredited	Location
8–10am		<b>Autophagosomes, lysosomes and other -somes: Their role in ocular tissues homeostasis [GL] — Symposium</b>		2A/3A Mile High Ballroom
		<b>Retinal cell biology entering human era [RC] — Symposium</b>	*	2B/3B Mile High Ballroom
		NEI Update and Regenerative Medicine: Cell Sources and Characterization		2C/3C Mile High Ballroom
10:30am– 12:30pm	300	Epidemiology of Glaucoma [CL]	*	1CD Mile High Ballroom
	301	Dry eye regulators: lacrimal gland, meibomian gland, basic mechanisms [CO]	*	2A/3A Mile High Ballroom
	302	Corneal Endothelium [CO]	*	605/607
	303	Neurophysiology and Treatments of Binocular Vision Disorders [EY]	*	4CD Mile High Ballroom
	304	Data science, machine learning, and AI [GL]	*	2C/3C Mile High Ballroom
	305	Lens proteins: normal and pathogenic biochemistry [LE]	*	601/603
	306	Diabetic retinopathy [PH]		1EF Mile High Ballroom
	307	Single cell analysis in retinal research in health and disease [RC]	*	2B/3B Mile High Ballroom
	308	AMD Imaging [RE]		Four Seasons Ballroom 1
	309	Machine Learning and Big Data [VI]		702/704/ 706

# Daily Program

Tuesday, May 3 ■ Genetics Group, Papers

Time	Session	Title/ Section	CME Accredited	Location
1–2:30pm		Genetics Group — Gene editing technologies: From basic understanding of ocular development and inherited disease to novel therapeutic approaches [GEN]		1EF Mile High Ballroom
1–3pm	321	Where art thou tumor? - Ocular tumor physiology and metastases [AP]		1AB Mile High Ballroom
	322	Molecular genetics of ocular conditions [BI]	*	4AB Mile High Ballroom
	323	Public Health [CL]		1CD Mile High Ballroom
	324	Corneal stromal biology, wound healing modulators, and regeneration [CO]	*	2A/3A Mile High Ballroom
	325	Aqueous humor dynamics & Trabecular Meshwork [GL]	*	2C/3C Mile High Ballroom
	326	Neuron/Glia Interactions in Retinal Health and Disease [RC]	*	2B/3B Mile High Ballroom
	327	Mental Health Outcomes and Vision Rehabilitation Services [LV]	*	4CD Mile High Ballroom
	328	Posterior Segment Imaging [RE]	*	205/207
	329	Retinal Vascular Diseases excluding Diabetic Retinopathy [RE]	*	Four Seasons Ballroom 1
	330	Uveitis: Human and Murine Experimental Medicine Studies [IM]	*	601/603
	331	Advanced Imaging of Retinal Structure and Function in Health and Disease [VI]	*	702/704/ 706
	332	Photoreceptors and the OPL [VN]	*	4EF Mile High Ballroom

Tuesday, May 3 ■ Minisymposia, Papers, WEAVR Event

Time	Session	Title/ Section	CME Accredited	Location
3:30–5:15pm		<b>Modulation of the RPE's immunogenic phenotype in disease [RC] — Minisymposium</b>	*	2B/3B Mile High Ballroom
		<b>Ocular Surface Disorders: Biology, Pathology, and Mechanism [CO] — Minisymposium</b>	*	2A/3A Mile High Ballroom
		<b>Seeing beyond the eye — Disciplinary affiliation in research collaboration [AP] — Minisymposium</b>	*	1AB Mile High Ballroom
		<b>Frontiers in Structural Biology and Biochemistry of the Retina [BI] — Vice Presidential Minisymposium</b>	*	4AB Mile High Ballroom
3:30–5:30pm	345	Health Economics and Health Care Delivery [CL]	*	1CD Mile High Ballroom
	346	Pharmacology / Cellular mechanisms [GL]		2C/3C Mile High Ballroom
	347	Visual Fields and Psychophysics [GL]	*	601/603
	348	Lens Physiology [LE]	*	605/607
	349	Blood flow and ischemia [PH]	*	1EF Mile High Ballroom
	350	AMD and Anti-VEGF [RE]	*	205/207
	351	Retinopathy of Prematurity [RE]		Four Seasons Ballroom 1
	352	Neural retina: disease and repair [VN]		4EF Mile High Ballroom
6–7pm		Women in Eye and Vision Research (WEAVR) Event		Four Seasons Ballroom 2/4
6–7:30pm		Update from the DRCR Retina Network		2B/3B Mile High Ballroom

## Tuesday, May 3 ■ Posters

Time	Session #	Session Title	Board #
10:30am– 12:30pm	310	Intraocular tumors - Uveal melanoma and retinoblastoma [AP]	A0001 - A0033
	311	Molecular and Biochemical Mechanisms of Ocular Disease [BI]	A0049 - A0062
	312	Keratoconus and corneal biomechanics [CO]	A0182 - A0221
	313	Imaging in glaucoma [GL]	A0353 - A0359
	314	Stem cells and disease modeling in vitro [RC]	F0370 - F0395
	315	Mobility, Reading and Driving with Vision Impairment [LV]	F0029 - F0044
	316	Retinal metabolism and physiology [PH]	F0175 - F0205
	317	Diabetic macular Edema [RE]	F0225 - F0253
	318	Retina epidemiology [CL]	A0097 - A0113
	319	Visual Function: perception, adaptation, spatial, visual acuity and binocular vision [VI]	F0499 - F0528
1–3pm	320	Photoreceptors and disease [VN]	F0458 - F0498
	333	Glaucoma: biochemistry, biomechanics and omics [BI]	A0063 - A0096
	334	Corneal Endothelium [CO]	A0222 - A0255
	335	Eye movements and nystagmus [EY]	A0302 - A0318
	336	Eyecare delivery and economics [CL]	A0114 - A0152
	337	Developing Molecular Therapies for Inherited Ocular Disease [GEN]	A0339 - A0352
	338	Pharmacology/cellular mechanisms [GL]	A0360 - A0386
	339	Cataract surgery II [LE]	F0001 - F0028
	340	OCT Angiography Clinical Applications [MOI]	F0045 - F0118
	341	Neuroprotection, blood flow and ischemia [PH]	F0206 - F0224

Poster board numbers correspond to poster location in the Exhibit Hall.

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## Tuesday, May 3 ■ Posters (continued)

Time	Session #	Session Title	Board #
1– 3pm (continued)	342	AI in the Retina [RE]	F0254 - F0294
	343	RPE/choroid pathology: oxidative stress, inflammation and neovascularization [RC]	F0396 - F0427
	344	Optics: Accommodation, Lens and Ocular Biometry [VI]	F0529 - F0555
3:30– 5:30pm	353	Ocular tumors sans uveal melanoma and retinoblastoma [AP]	A0034 - A0048
	354	Tissue, drug and genome engineering [RC]	F0428 - F0457
	355	Clinical Uveitis and Scleritis: Therapies and Outcomes [IM]	A0410 - A0446
	356	Corneal epithelial biology and repair mechanisms [CO]	A0256 - A0301
	357	Pediatric ophthalmology and imaging [EY]	A0319 - A0338
	358	Aqueous humor dynamics and Trabecular Meshwork [GL]	A0387 - A0409
	359	OCT Clinical Applications [MOI]	F0119 - F0174
	360	Public Health II [CL]	A0153 - A0181
	361	Vitreoretinal surgery/VR Interface/ PVR [RE]	F0295 - F0369

## Future ARVO Annual Meetings

**April 23 – 27, 2023**

New Orleans, La.

[neworleans.com](http://neworleans.com)

**May 1 – 5, 2026**

Denver, Colo.

[denver.org](http://denver.org)

**May 5 – 9, 2024**

Seattle, Wash.

[visitseattle.org](http://visitseattle.org)

**May 2 – 6, 2027**

San Diego, Calif.

[sandiego.org](http://sandiego.org)

**May 4 – 8, 2025**

Austin, Tex.

[austintexas.org](http://austintexas.org)

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Wednesday, May 4 ■ Lectures, Minisymposia, Papers

Time	Session	Title/ Section	CME Accredited	Location
8–8:45am		<b>Friedenwald Award and Lecture</b>		Four Seasons Ballroom 2/4
8:45–9:30am		<b>Cogan Award and Lecture</b>		Four Seasons Ballroom 2/4
10am–12pm	400	Gene therapy and other novel therapeutics in ophthalmic diseases 2 [BI]		4AB Mile High Ballroom
	401	Animal Models of Age Related Macular Degeneration [RC]	*	2B/3B Mile High Ballroom
	402	Refractive and non-refractive corneal surgeries [CO]	*	2A/3A Mile High Ballroom
	403	Clinical studies and trials [GL]		601/603
	404	Biomechanics and ocular blood flow [GL]	*	2C/3C Mile High Ballroom
	405	Cataract surgery: techniques and outcomes [LE]		605/607
	406	New perspectives in technology [MOI]	*	702/704/706
	407	New drugs, anti-inflammatory agents, antibiotics and antivirals [PH]	*	1EF Mile High Ballroom
	408	AMD Epidemiology & Systemic Therapies [RE]	*	Four Seasons Ballroom 1
	409	Electroretinography and disease [VN]	*	4EF Mile High Ballroom
12:30–2:15pm		<b>AI: Opportunities for reverse translation? [GL] — Minisymposium</b>		2C/3C Mile High Ballroom
		<b>Beyond the retina: the impact of vision on behavior [VN] — Minisymposium</b>	*	4EF Mile High Ballroom



Wednesday, May 4 ■ Minisymposia, Papers

Time	Session	Title/ Section	CME Accredited	Location
12:30–2:15pm (continued)		<b>Emerging and re-emerging viruses: Pathobiology and ocular manifestations [IM] — Minisymposium</b>	*	601/603
12:30– 2:30pm	419	Myopia: Structural Changes from Retina to Sclera [AP]	*	1AB Mile High Ballroom
	420	Biochemistry and molecular biology of ocular disorders [BI]	*	4AB Mile High Ballroom
	421	Using Technology for Care Delivery and Improvement [CL]	*	1CD Mile High Ballroom
	422	Ocular surface health and conjunctiva [CO]	*	2A/3A Mile High Ballroom
	423	Pediatric Ophthalmology - Pathophysiology and Imaging Modalities and Oculoplastics [EY]	*	4CD Mile High Ballroom
	424	Development of molecular therapies for inherited ocular disease [GEN]		1EF Mile High Ballroom
	425	Diabetic Macular Edema [RE]	*	205/207
	426	AI and Retina 2 [RE]		Four Seasons Ballroom 1
	427	Crystalline lens and IOLs [VI]		702/704/ 706
	428	Subretinal fibrosis – clinical challenges, mechanism, and diagnostic tools [RC]		2B/3B Mile High Ballroom
3–5pm	442	Refractive Error and Social Determinants of Vision Function [CL]		1CD Mile High Ballroom
	443	Keratoconus and corneal biomechanics [CO]	*	2A/3A Mile High Ballroom
	444	Imaging in glaucoma [GL]	*	2C/3C Mile High Ballroom

Wednesday, May 4 ■ Papers, Keynote

Time	Session	Title/ Section	CME Accredited	Location
3–5pm (continued)	445	Visual Function Assessment and Quality of Life Outcomes [LV]		4CD Mile High Ballroom
	446	Modulation of ocular surface immunity during health and disease [IM]	*	601/603
	447	Retinal Development [RC]	*	2B/3B Mile High Ballroom
	448	AMD and retinal physiology [PH]		1EF Mile High Ballroom
	449	Retinal Degeneration [RE]		205/207
	450	Endophthalmitis & Trauma [RE]	*	Four Seasons Ballroom 1
	451	Vision assessment and Clinical applications [VI]	*	702/704/706
5:30–6:15pm		<b>ARVO/Alcon Keynote Series: Accelerating Ophthalmic Discovery and Technology Translation through Team Science</b>		Four Seasons Ballroom 2/4

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## Wednesday, May 4 ■ Posters

Time	Session #	Session Title	Board #
10am– 12pm	410	Anterior Segment and Trauma Epidemiology [CL]	A0118 - A0131
	411	Antimicrobial Resistance, Epidemiology and New Antimicrobials [IM]	A0439 - A0458
	412	Tumor - Diagnosis, prognosis, and molecular mechanism [AP]	A0001 - A0015
	413	Biochemistry and Molecular Mechanisms of Diabetic Retinopathy [BI]	A0042 - A0076
	414	Corneal Cell and Molecular Biology   Corneal Development [CO]	A0187 - A0223
	415	Strabismus [EY]	A0316 - A0335
	416	Surgery & Wound Healing [GL]	A0364 - A0406
	417	Stem cells and organoids [RC]	F0328 - F0347
	418	Macular diseases/Macular edema/ Functional testing/evaluation/Laser [RE]	F0163 - F0230
12:30– 2:30pm	429	Biochemistry and Molecular Biology of the Retina/RPE [BI]	A0077 - A0117
	430	Clinical Uveitis & Orbital Inflammation: Etiology, Epidemiology & Clinical Assessment [IM]	A0459 - A0486
	431	Ocular surface health and conjunctiva [CO]	A0224 - A0273
	432	Thyroid eye disease [EY]	A0336 - A0348
	433	Glaucoma Genetics [GEN]	A0349 - A0363
	434	Biomechanics and ocular blood flow [GL]	A0407 - A0421
	435	Lens proteins and cataracts [LE]	F0001 - F0015
	436	Assistive Devices, Visual Function Assessment, and Vision Restoration Therapies [LV]	F0016 - F0034
	437	New improvements in imaging and development of biomarkers [MOI]	F0035 - F0074

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A = Poster Area A, F = Poster Area F.

## Wednesday, May 4 ■ Posters

Time	Session #	Session Title	Board #
12:30– 2:30pm (continued)	438	Novel animal models and neuroprotection in the retina [RC]	F0348 - F0384
	439	Drug delivery [PH]	F0140 - F0162
	440	Retinopathy of prematurity [RE]	F0231 - F0263
3–5pm	441	Vision Impairment, Visual Function, and Quality of Life [CL]	A0132 - A0170
	452	Myopia: Clinical Interventions and Diagnostics [AP]	A0016 - A0041
	453	Refractive and non-refractive corneal surgeries [CO]	A0274 - A0315
	454	Clinical studies and trials [GL]	A0422 - A0438
	455	Multidisciplinary Ophthalmic Imaging [MOI]	F0075 - F0139
	456	Pediatric Ophthalmology Epidemiology [CL]	A0171 - A0186
	457	Retinal Degenerations, Gene Therapy, Transplantation, and Prostheses [RE]	F0264 - F0327
	458	Functional imaging and wavefront correction [VI]	F0455 - F0471
	459	Retinal and central processing [VN]	F0420 - F0454
	460	Pathobiology of AMD [RC]	F0385 - F0419

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