### SUNDAY – 5/5

<table>
<thead>
<tr>
<th>Session Time</th>
<th>Title</th>
<th>Authors</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am - 9:45am (PST)</td>
<td>Seasonal variation in myopia control in the bifocal lenses in nearsighted kids (BLINK) study</td>
<td>Boatman M, Walline J, Robich M, Jordan L, McDaniel C, Bentzen D, Walker M, Assaad J, Day E, Chandler M, Shaw K, Myers J, Mutti D</td>
<td>Exhibit Hall, Posterboard A0465</td>
</tr>
<tr>
<td>1:00pm - 2:45pm (PST)</td>
<td>Development and optimization of an ophthalmic hydrogel to promote corneal wound healing</td>
<td>Chandler H, Moradi S, Zhang L, Zhang Z, Madden C, Ghosh P, Zhu H, Swindle-Reilly K</td>
<td>Exhibit Hall, Posterboard A0036</td>
</tr>
<tr>
<td>2:15pm - 2:30pm (PST)</td>
<td>Enhancing glaucoma detection: Integrating deep learning with color fundus photos and polygenic risk score</td>
<td>Gao R, Wu F, Rasel R, Chiariglione M</td>
<td>Exhibit Hall, Posterboard B0089</td>
</tr>
<tr>
<td>3:15pm - 5:00pm (PST)</td>
<td>Therapeutic intervention in a glial stress correlated functional deficit small animal model of traumatic optic neuropathy</td>
<td>Ryan A, Heisler-Taylor T, Reilly M</td>
<td>Exhibit Hall, Posterboard B0404</td>
</tr>
<tr>
<td>3:00pm - 4:45pm (PST)</td>
<td>Low-dose atropine 0.01% maintains myopia control during a fourth year of dosing and discontinuation does not cause rebound myopia progression</td>
<td>Zadnik K, Hemmati H, Fong T, Chandler S</td>
<td>Exhibit Hall, Posterboard A0465</td>
</tr>
<tr>
<td>3:15pm - 5:00pm (PST)</td>
<td>Development of multi-modal adaptive optics full-field partially confocal ophthalmoscopy/OCT system for human retinal imaging</td>
<td>Lee S, Choi S, Meleppat R, Zawadzki R, Doble N</td>
<td>Exhibit Hall, Posterboard B0640</td>
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### MONDAY – 5/6

<table>
<thead>
<tr>
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<th>Authors</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8:30am - 10:15am (PST)</td>
<td>Multifaceted behavioral interventions may increase medication adherence in glaucoma: systematic review &amp; metaanalysis</td>
<td>Kruoch Z, Pathik A, Shelton E, Zimmerman A, Stephey E, Hunter M, Ng S, Downie L, Qureshi R</td>
<td>Exhibit Hall, Posterboard B0252</td>
</tr>
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### Paper Sessions

<table>
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<tbody>
<tr>
<td>9:15am - 9:30am (PST)</td>
<td>How does the lens determine its size and shape?</td>
<td>Reilly M</td>
<td>609 Arch Building, 1479</td>
</tr>
<tr>
<td>3:00pm - 4:45pm (PST)</td>
<td>The diagnostic and prognostic utility of fine needle aspiration biopsy for evaluating uveal melanomas</td>
<td>Ahmadian S, Tadayon T, Cebulla C</td>
<td>Exhibit Hall, Posterboard A0110</td>
</tr>
<tr>
<td>3:15pm - 5:00pm (PST)</td>
<td>Characterizing lamina cribrosa and peripapillary sclera deformation using 3D ultrasound elastography</td>
<td>Chen Z, Kwok S, Pan M, Madhwala A, Pan X, Yang, Liu J</td>
<td>Exhibit Hall, Posterboard A0421</td>
</tr>
<tr>
<td>12:15pm - 12:30pm (EST)</td>
<td>Automated and interpretable glaucoma classification using deep learning and optical coherence tomography images</td>
<td>Rasel R, Wu F, Chiariglione M, Gao R</td>
<td>Exhibit Hall, Posterboard A0219</td>
</tr>
<tr>
<td>12:00pm - 12:45pm (EST)</td>
<td>Increased scleral stiffness in diabetes with retinopathy more than in diabetes without retinopathy</td>
<td>Roberts C, Ma Y, Mahmoud A, Ohr M, Letson A</td>
<td>Exhibit Hall, Posterboard B0499</td>
</tr>
<tr>
<td>11:00am - 12:45pm (EST)</td>
<td>Assessing county-level vision impairment (VI) prevalence by age and urbanization using the american community survey</td>
<td>Shelton E, VanNasdale D</td>
<td>Exhibit Hall, Posterboard B0176</td>
</tr>
<tr>
<td>11:00am - 12:45pm (EST)</td>
<td>Effects of rimonabant on porcine retinal Müller glial cells</td>
<td>Tanvir Md, Tasnim M, Tamiya S</td>
<td>Exhibit Hall, Posterboard B0314</td>
</tr>
<tr>
<td>11:30am - 1:15pm (EST)</td>
<td>Cell density alters growth factor response in cultured Müller glia cells</td>
<td>Tanvir Md, Tasnim M, Tamiya S</td>
<td>Exhibit Hall, Posterboard A0488</td>
</tr>
<tr>
<td>11:30am - 1:15pm (EST)</td>
<td>Wave-score-dependent variation in measurements of intraocular pressure and of ocular biomechanical parameters</td>
<td>Yuhas P, Mahmoud A, Roberts C</td>
<td>Exhibit Hall, Posterboard B0498</td>
</tr>
<tr>
<td>11:00am - 12:45pm (EST)</td>
<td>Automated vertical cup-to-disc ratio determination from fundus images for glaucoma detection</td>
<td>Wu F, Rasel R, Yuhas P, Chiariglione M, Gao R</td>
<td>Exhibit Hall, Posterboard A0226</td>
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<td>Exhibit Hall, Posterboard B0640</td>
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Mutti D, Sinnott L, Berntsen D, Jordan L, Walline J
Do past axial elongation and myopia progression predict the future? Results from the BLINK study (Exhibit Hall, Posterboard B0542)

Pan M, Chen Z, Pan X, Liu J
Effects of peripapillary sclera stiffening on optic nerve head deformation in a porcine eye model (Exhibit Hall, Posterboard A0429)

Reidy M, Queener H, Mutti D
Extended B-scan ultrasound for the assessment of Peripheral ocular shape (Exhibit Hall, Posterboard B0562)

The role of scleral lens properties and solution use in midday fogging (Exhibit Hall, Posterboard B0508)

Wagle B, Pandit K, Timilsina A, Neupane B, Reed D, Zhang X
Comparing lumbar puncture opening pressure and optic nerve head height measured by an artificial intelligence in idiopathic intracranial hypertension patients (Exhibit Hall, Posterboard A0290)

Xu G, Ni L, Warchock A, Kim W, Moroi S, Argento A
Measurement of aqueous outflow volume rate using photoacoustic microscopy (Exhibit Hall, Posterboard A0412)

Cline M, Reilly M
Multimodal assay of lens biomechanical properties (Exhibit Hall, Posterboard B0530)

Ocular graft-versus-host disease: patient perspective (Exhibit Hall, Posterboard A0103)

Induced murine lens stretching alters cellular RNA expression (Exhibit Hall, Posterboard B0528)

Depression, disease and dry eye (Exhibit Hall, Posterboard A0089)

Tamiya S, Hourani S, Jagatheesan G
TRPV4 is involved in myofibroblast transdifferentiation of retinal pigment epithelial cells (Exhibit Hall, Posterboard A0451)

Zhou J, Toris C, Reed D, Sit A, Fan S, Kazemi A
Gulati V, Moroi S
Applying cosinor to characterize glaucoma drug washout on IOP measured by iCare HOME (Exhibit Hall, Posterboard A0448)

Li HL, Fan S, Toris C, Gong H
Segmental uveoscleral outflow and its relationship with trabecular outflow in monkey eyes (Yakima 1, Arch Building, 3983)
**WEDNESDAY – 5/8**

**Poster Session** 10:30am - 12:15pm (PST)  1:30pm - 3:15pm (EST)

Jansen P, Jeter M, Ghosh P, Deshmukh V, Roberts C, Swindle-Reilly K
3D Bioprinting of Silk Fibroin and Gelatin Composite Bioinks for Corneal Applications
(Exhibit Hall, Posterboard A0193)

**Paper Session** 10:45am - 11:00am (PST)  1:45pm - 2:00pm (EST)

Kizhatil K, Clark G
Primary cilia and aqueous humor outflow
(6A Arch Building, 4261)

**Paper Session** 12:00pm - 12:15pm (PST)  3:00pm - 3:15pm (EST)

Cebulla C, Byrne L, Schreiner E, Davidorf F, Abdel-Rahman M
Frequent germline alterations in uveal melanoma patients referred for genetic counseling
(608 Arch Building, 4279)

**Poster Session** 2:15pm - 4:00pm (PST)  5:15pm - 7:00pm (EST)

Allyn M, Tamiya S, Palmer A, Swindle-Reilly K
Protection of retinal cells against proliferative vitreoretinopathy after ocular trauma
(Exhibit Hall, Posterboard A0350)

**Poster Session** 11:45am - 1:30pm (PST)  2:45pm - 4:30pm (EST)

Fogt N, Deffler R, Brunstetter T, Taiym W, Swingle-Fogt J
Assessment of a google-based visual field device
(Exhibit Hall, Posterboard B0618)

Yu D, Perry L
Effect of glare on mesopic contrast sensitivity function
(Exhibit Hall, Posterboard B0606)

**THURSDAY – 5/9**

**Poster Session** 8:00am - 9:45am (PST)  11:00am - 12:45pm (EST)

Detecting hypertensive vascular features in retina images in preeclampsia
(Exhibit Hall, Posterboard B0544)

VanNasdale D, Robich M, Shelton E, Jordan L, Crews J
Assessing social determinant risk factors in persons reporting vision impairment using national health surveillance data
(Exhibit Hall, Posterboard B0663)

**Poster Session** 11:45am - 1:30pm (PST)  2:45pm - 4:30pm (EST)

Fogt N, Deffler R, Brunstetter T, Taiym W, Swingle-Fogt J
Assessment of a google-based visual field device
(Exhibit Hall, Posterboard B0618)

Yu D, Perry L
Effect of glare on mesopic contrast sensitivity function
(Exhibit Hall, Posterboard B0606)

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*Authors / Co-Authors in Red are associated with The Ohio State University / The College of Medicine / College of Optometry*