Session

★ B0128: The Effects of Prostaglandin Intra-Ocular Pressure Lowering Agents (Glaucoma Eye Drops) on Human Meibomian Gland Epithelial Cells
Ahmad Aref
Location: Exhibit HallPosterboard Number: B0128Abstract

Mary Migneco
Location: Exhibit HallPosterboard Number: B0029Abstract

★ C0015: Reducing Adenoviral Patient Infected Days (RAPID) Study: Success in Masking Subjects and Clinicians From Identifying Treatment with Ophthalmic Povidone-Iodine 5% (PVP-I).
Meredith Whiteside
Location: Exhibit HallPosterboard Number: C0015Abstract

★ C0081: Pre-clinical efficacy of OCU300 nanoemulsion for the treatment of ocular graft versus host disease (oGVHD).
Rasappa Arumugham
Location: Exhibit HallPosterboard Number: C0081Abstract

★ A0178: Comparison of Visual and Anatomic Outcomes of Eyes Undergoing Type I Boston Keratoprosthesis with Combination Pars Plana Vitrectomy to Eyes without Combination Vitrectomy
Jennifer Lim
Location: Exhibit HallPosterboard Number: A0178Abstract

★ Extracellular Vesicles and the Anterior Segment
Dimitri Azar, Dimitrios Karamichos, Yutao Liu, Brian McKay, James Zieske
Location: Room 312Abstract Author Block: *Dimitrios Karamichos, *

★ Quantitative OCT angiography for computer-aided classification of diabetic retinopathy
Minhaj Nur Alam
Location: Ballrooms BCPresentation Number: 1224Abstract

★ B0129: Training of residents and fellows in retinopathy of prematurity (ROP) around the world: an international web-based survey
Tala Al-Khaled
Location: Exhibit HallPosterboard Number: B0129Abstract

★ A0061: Quantification of amyloid-beta in eye tissues of APPswe/PS1ΔE9 mice
Wangfei Wang
Location: Exhibit HallPosterboard Number: A0061Abstract

★ B0128: Evaluation of birth weight and gestational age in infants with treatment requiring retinopathy of prematurity in ROPE-SOS trial
Nita Valikodath
Location: Exhibit HallPosterboard Number: B0128Abstract

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Shelbi Olson
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Artificial intelligence in retinopathy of prematurity: clinical validation of a fully automated deep learning system (i-ROP DL) for plus disease diagnosis
J. Peter Campbell
Location: Room 313A
Presentation Number: 3936
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Combined corneal transplant, glaucoma drainage implantation and pars-plana vitrectomy outcomes in a pediatric population
Kelley Bohm
Location: Room 312
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A0188: Clinical and Anatomic Outcomes of Phacovitrectomy Surgery in Proliferative Diabetic Retinopathy
Talisa de Carlo
Location: Exhibit Hall
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B0011: The relationship between intraocular pressure and central corneal thickness in pediatric ocular hypertensive suspects.
Mehmet Mocan
Location: Exhibit Hall
Posterboard Number: B0011
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C0164: Longitudinal Study of Peripapillary and Temporal Macular Thinning in Sickle-Cell Hemoglobinopathies
Alisa Thavikulwat
Location: Exhibit Hall
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Semaphorin3A induces nerve regeneration in the adult cornea-a switch from its repulsive role in development.
Victor Guaiquil
Location: Room 310
Presentation Number: 4418
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A0331: A holographic waveguide based eye tracking device
changgeng liu
Location: Exhibit Hall
Posterboard Number: A0331
Abstract

B0134: Whole exome sequencing of phenotypically extreme preterm infants identifies innate immune system-related biological pathways in retinopathy of prematurity
Sang Jin Kim
Location: Exhibit Hall
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Christine Mun
Location: Exhibit Hall
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SEUNGWON AN
Location: Exhibit Hall
Posterboard Number: C0087
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A0335: Reactivation of herpes zoster ophthalmicus following live varicella zoster virus vaccination
Dana Darwish
Location: Exhibit Hall
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Sandeep Jain
Location: Exhibit Hall
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Samir Patel
Location: Exhibit HallPosterboard Number: B0173Abstract View Session

Homozygous Mutation in the ELMO3 Gene with Keratoconus
Mariam Khaled
Location: Room 312Presentation Number: 743Abstract Auth View Session

B0090: SCOPE study: Comparing severity of dry eye symptoms in keratoconus patients using corneal gas permeable lenses versus scleral lenses
Ellen Shorter
Location: Exhibit HallPosterboard Number: B0090Abstract View Session

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Jennifer Kang-Mieler
Location: Exhibit HallPosterboard Number: B0364Abstract View Session

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Indre Bielskus
Location: Exhibit HallPosterboard Number: B0066Abstract View Session

B0068: CD36 Ligand Beta-Amyloid Promotes Coagulation and Inflammation Through Toll-Like Receptor 4
Nicholas Pfahler
Location: Exhibit HallPosterboard Number: B0068Abstract View Session

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Joelle Hallak
Location: Exhibit HallPosterboard Number: A0242Abstract View Session

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Thomas Cronin
Location: Exhibit HallPosterboard Number: A0123Abstract View Session

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James Haney
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Shizuka Tomatsu
Location: Exhibit HallPosterboard Number: B0277Abstract View Session

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Thasarat Vajaranant
Location: Exhibit HallPosterboard Number: B0048Abstract View Session

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Shin Hae Park
Location: Exhibit HallPosterboard Number: B0140Abstract View Session

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Cherie Nau  
Location: Exhibit HallPosterboard Number: B0093Abstract 

B0155: The Retinopathy of Prematurity - Save Our Site Program: Analysis of Gender and Socioeconomic Status in a ROP Telemedicine Program in Southern India  
Flavius Beca  
Location: Exhibit HallPosterboard Number: B0155Abstract 

B0361: Efficacy of a Biodegradable Aflibercept-loaded Microsphere-Hydrogel Drug Delivery System in a Laser-induced Choroidal Neovascularization Rat Model  
Wenqiang Liu  
Location: Exhibit HallPosterboard Number: B0361Abstract 

Automated Computer-Based Image Analysis in Monitoring Disease Progression for Retinopathy of Prematurity  
Stanford Taylor  
Location: Room 313APresentation Number: 3937Abstract Au 

A0326: Miniaturized indirect ophthalmoscopy for nonmydriatic wide-field fundus photography  
devrim toslak  
Location: Exhibit HallPosterboard Number: A0326Abstract 

C0078: Thirty-minute ocular application of benzalkonium chloride (BAK) leads to a disappearance of neuronal spikes associated with a marked fragmentation of tight junctions and corneal nerves in rodents: implications for dry eye disease.  
Evguenia Ivakhnitskaia  
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Laura Asnaghi  
Location: Exhibit HallPosterboard Number: A0004Abstract 

C0326: Biomarkers of diabetic retinopathy based on dynamic fluorescein angiography in control and diabetic patients  
William Mieler  
Location: Exhibit HallPosterboard Number: C0326Abstract 

B0278: Light-induced length shrinkage of photoreceptor outer segment  
Yiming Lu  
Location: Exhibit HallPosterboard Number: B0278Abstract 

B0160: Retinopathy of prematurity: Preferred practice patterns among pediatric ophthalmologists  
samiksha fouzdar jain  
Location: Exhibit HallPosterboard Number: B0160Abstract 

C0013: Corneal Ectasia Associated with Post-Operative Hypotony  
Kai Kang  
Location: Exhibit HallPosterboard Number: C0013Abstract 

A0232: Melanopsin contributions to image forming vision in humans  
Andrew Zele  
Location: Exhibit HallPosterboard Number: A0232Abstract 

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Daniel Oh  
Location: Exhibit HallPosterboard Number: B0159Abstract
Robison Chan
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Maziyar M Khansari
Location: Exhibit HallPosterboard Number: A0293Abstract

A0233: Melanopsin interacting with the cone-mediated white noise electroretinogram (wnERG)
Prakash Adhikari
Location: Exhibit HallPosterboard Number: A0233Abstract

A0096: Quantitative Optical Coherence Tomography Angiography Parameters in Central Retinal Vein Occlusion
Sarwar Zahid
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Lindsay Machen
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Travis Redd
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Ilham Putra
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Alexander Pleet
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B0020: Heparanase upregulation in human corneal tissues infected with herpes simplex virus type 1
Ann-Marie Lobo
Location: Exhibit HallPosterboard Number: B0020Abstract

A0106: Initial Loss of Interdigitation Zone on OCT following CRVO May Predict Future Visual Acuity Improvement.
Wyatt Messenger
Location: Exhibit HallPosterboard Number: A0106Abstract

A0263: Does Cosmetic Related Lacrimal Sac Pigmentation Play a Role in Chronic Dacryocystitis?
Fatimah Alhammad
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Dhara Shah
Location: Exhibit HallPosterboard Number: C0139Abstract
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A0261: Self-Adhering Magnetic Device to Treat Corneal Exposure
Safwan Tayeb
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A0270: Non-coding RNA Expression in Inflammatory Dacryoadenitis
Marwan Ali
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Kyuyeon Han
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C0142: Histatins abrogate corneal epithelial toxicity
Vinay Aakalu
Location: Exhibit HallPosterboard Number: C0142Abstract
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C0143: Histatin peptide localization and effects on immune signaling in human corneal epithelium
Sushma Kalmodia
Location: Exhibit HallPosterboard Number: C0143Abstract
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Akash Gupta
Location: Exhibit HallPosterboard Number: B0250Abstract
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Ravand Samaeekia
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Faris Karas
Location: Exhibit HallPosterboard Number: A0121Abstract
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Taylor Starnes
Location: Exhibit HallPosterboard Number: B0023Abstract
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Jennifer Harthan
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Polygenic risk score is associated with intraocular pressure and improves glaucoma prediction in the UK Biobank cohort
X. Raymond Gao
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A0208: Clinical and Anatomic Outcomes of Combined Phacovitrectomy Surgery
Shilpa Gulati
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B0181: Monitoring response to treatment in severe retinopathy of prematurity using a deep learning based quantitative severity scale
Kishan Gupta
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Levi Kanu
Location: Exhibit HallPosterboard Number: A0212Abstract

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Omar Hassan
Location: Exhibit HallPosterboard Number: B0289Abstract

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Mona Khurana
Location: Exhibit HallPosterboard Number: C0188Abstract

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Robert Malchow
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Susan Ostmo
Location: Exhibit HallPosterboard Number: B0151Abstract

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James Brown
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Shayan Farzad
Location: Exhibit HallPosterboard Number: B0255Abstract

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Jayashree Kalpathy-Cramer
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Felix Chau
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Jin-Hong Chang
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Deepak Shukla
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Sarah Garvey
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Alejandra Maiz
Location: Exhibit HallPosterboard Number: C0046Abstract
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A0099: Adherence to medical treatment in childhood glaucoma.
DEEPAK EDWARD
Location: Exhibit HallPosterboard Number: A0099Abstract
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Synergistic corneal wound healing effects of human mesenchymal stem cell secreted factors and hyaluronic acid-based viscoelastic gel
Gabriella Rogers
Location: Room 312Presentation Number: 2989Abstract Aut
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C0423: Suppression of alkali burn-induced corneal injury by mesenchymal stem cells encapsulated within crosslinked collagen gels
Kyung-Sun Na
Location: Exhibit HallPosterboard Number: C0423Abstract
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Taeyoon Son
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Shresta Patangay
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C0152: Exosomes from corneal mesenchymal stem cells modulate the immunophenotype of macrophages
Ali Djalilian
Location: Exhibit HallPosterboard Number: C0152Abstract
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Michael Chiang
Location: Exhibit HallPosterboard Number: B0143Abstract
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Judy Chen
Location: Exhibit HallPosterboard Number: A0127Abstract
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A0219: Evaluation of a Contact Lens Electrode Incorporating a Light Diffusing Element
John Hetling
Location: Exhibit HallPosterboard Number: A0219Abstract
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Paul Knepper
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B0141: Deep Learning for Image Quality Assessment of Fundus Images in Retinopathy of Prematurity
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Characterization of Injury-induced Corneal Angiogenesis and Lymphangiogenesis in Prox1-GFP/Flt1-dsRed Transgenic Mice
Targeting Akt phosphorylation by a small molecule inhibitor generates an effective strategy to curb corneal herpes simplex virus type-1 infection.

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