

E-Poster Session

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- EP-007 Increased Macrophage-like Cell Density in Retinal Vein Occlusion as Characterized by en Face Optical Coherence Tomography
Wenyu Wang (Department of Ophthalmology, Renmin Hospital of Wuhan University)
- EP-008 Proliferative diabetic retinopathy and diabetic macular edema are two factors that increase macrophage-like cell density characterized by en face optical coherence tomography
Wenyu Wang (Department of Ophthalmology, Renmin Hospital of Wuhan University)
- EP-018 Dynamic Complement Protein Changes in Aqueous Humour and Plasma of RVO Patients Treated with Ranibizumab
Tingting Guo (Jinan University / Changsha Aier Eye Hospital)
- EP-019 The Influence of Insulin on Diabetic Retinopathy and Retinal Vessel Parameters in Diabetes
Tianyi Yuan (Shanghai General Hospital, School of Medicine, Shanghai Jiao Tong University / Shanghai Municipal Centers for Disease Control & Prevention)
- EP-023 Novel quantitative analysis of anterior chamber inflammation based on a deep learning model using anterior segment optical coherence tomography images for diagnosis and precise assessment of intraocular inflammatory diseases
Wei Chi (Shenzhen Eye Hospital)
- EP-024 A novel function and mechanism of ischemia-induced retinal astrocyte-derived exosomes for RGC apoptosis of ischemic retinopathy
Wei Chi (Shenzhen Eye Hospital / State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center, Sun Yat-sen University, Guangdong Provincial Key Laboratory of Ophthalmology and Visual Science)
- EP-036 Circadian Rhythm Disruption Exacerbates Autoimmune Uveitis: The Essential Role of PER1 in Treg Cell Metabolic Support for Stability and Function
Wenjie Zhu (State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center, Sun Yat-sen University, Guangdong Provincial Key Laboratory of Ophthalmology and Visual Science)
- EP-039 Investigating Causal Relationships Between Retinal vein occlusion, Dementia, and Brain Structure: A Bidirectional Mendelian Randomization Study
Yushan Shi (Clinical Medical College, Ningxia Medical University, Yinchuan, Ningxia, China)
- EP-040 Combined intravitreal Conbercept and cataract surgery in diabetic patients: Effect on macular morphology and function
Hong Yan (Shaanxi Eye Hospital, Xi'an People's Hospital)

- EP-041 Pathogenicity and Functional Analysis of Multipoint Variants in an Allele of the RPE65 Gene Causing Retinitis Pigmentosa
Guiyue Wu (Zhengzhou University People's Hospital / Zhengzhou University)
- EP-049 Chronic ocular hypotony after vitrectomy-'Who's the real culprit?'
Cao Ke Ying (People's Hospital of Henan Province / People's Hospital of Henan University / Henan Provincial Hospital of Ophthalmology)
- EP-053 Pretreated lyophilized human amniotic membrane grafts covering for retinal detachment with posterior retinal breaks
Yong Wei (The Eye Hospital of Wenzhou Medical University)
- EP-056 Morphological comparison of idiopathic macular holes with and without vitreopapillary adhesion
Zhuangling Lin (State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center, Sun Yat-sen University)
- EP-058 The association between diabetic retinopathy onset and the thickness changes of retina and choroid in type 1 diabetic children: a three-year longitudinal study Short title: OCT measurements and DR in T1DM children
Yiwei Wu (Department of Ophthalmology, Shanghai General Hospital, Shanghai Jiao Tong University School of medicine, Shanghai, China)
- EP-060 MAPK8 and HDAC6: Potential Biomarkers Related To Autophagy In Diabetic Retinopathy Based On Bioinformatics Analysis
Ruotong Sun (The Second Norman Bethune Hospital of Jilin University)
- EP-062 Evaluation of ocular microcirculation in male cases with metabolic syndrome
Takahiro Maruyama (Department of Ophthalmology, Tokyo Shinagawa Hospital / Department of Ophthalmology, Toho University Omori Medical Center)
- EP-063 Differences in central and peripheral choroidal thickness among the subtypes of age-related macular degeneration
Yosuke Fukuda (Kyushu University)
- EP-064 Baseline Visual Function and Inflammatory Markers in the RP PRIMARY Study
Takahiro Hisai (Kyusyu University)
- EP-065 Two Initial Cases Using OQrimo®, an Intraocular Endoscope Holding Robot
Kohei Kiyohara (Kyushu University)
- EP-066 Switching to faricimab reduces persistent subretinal and pigment epithelial fluid in neovascular age-related macular degeneration
Yusuke Maehara (Graduate School of Medical Sciences, Kyushu University)
- EP-067 Blood pressure reduction in early makes the number of treatments reduce in branch retinal vein occlusion
Kento Watanabe (Toho University)

- EP-068 Retinal displacement using optical coherence tomography angiography and metamorphopsia in eyes undergoing macular hole surgery
Shun Tsukahara (Department of Ophthalmology, Toho University Graduate School of Medicine, Tokyo, Japan / Department of Ophthalmology, Toho University Ohashi Medical Center, Tokyo, Japan)
- EP-069 Differential Long-Term Effects of Vitrectomy and Scleral Buckle on Retinal and Optic Nerve Head Hemodynamics in Rhegmatogenous Retinal Detachment: A 12-Month LSFG Study
Keisuke Yata (Toho University Sakura Medical Center)
- EP-076 To explore the feasibility of using VEP in conjunction with baby vision examination for the assessment of visual acuity in children under 2-4 years old
Songmu Huang (Eye Institute and Affiliated Xiamen Eye Center of Xiamen University)
- EP-077 Exogenous fungal endophthalmitis: a 20-year experience at a tertiary referral center in North China
Lei Wan (Eye Institute of Shandong First Medical University, Qingdao Eye Hospital of Shandong First Medical University)
- EP-083 The Predictive Value of Inflammatory Factors and Virus-related Indicators for the Clinical Diagnosis of Posner-Schlossman Syndrome
Fuxiao Luan (Beijing Chaoyang Hospital, Capital Medical University)
- EP-084 The Consistency and Efficiency of Optical Coherence Tomography for Evaluation Ocular Torsion Angle
Rongjun Liu (Department of Pediatric Ophthalmology, Peking University First Hospital)
- EP-085 Research and development of artificial intelligence assisted system for strabismus surgical design
Zequn Miao (Peking University People's Hospital)
- EP-086 Morning glory syndrome complicated with retinopathy of prematurity: a case report
Wenting Wang (weifang eye hospital)
- EP-088 The Development of Implantable Chips for Congenital Nystagmus Treatments
Wensi Wang (Beijing University of Technology)
- EP-089 Characteristics of Longer Axial Length and Retinochoroidal Thickness in Japanese Preschool Children
Erika Chiba (Toho University Omori Medical Center)
- EP-090 The Outcome of Inferior Oblique Myectomy for Apparent Inferior Oblique Overaction Associated with Craniosynostosis
Hye Won Park (Department of Ophthalmology, Konyang University College of Medicine, Daejeon, Korea / Department of Ophthalmology, Yonsei University College of Medicine, Seoul, Korea)

- EP-091 Isolated oculomotor nerve palsy induced by ethmosphenoid mucocoele: A case report
Jihae Park (Daegu Fatima Hospital)
- EP-092 Etiology and clinical analysis of single-center secondary glaucoma in Northwest China
Ying Liu (The Second Affiliated Hospital of Xi'an Medical University)
- EP-096 Chloroquine and Hydroxychloroquine-Related Ocular Adverse Events in SLE 1 Treatment: A Real-World Disproportionality Analysis Based on FDAAdverse 2 Event Reporting System (FAERS)
Tao Tao (Eye Institute , School of Medicine, Xiamen University, Xiamen, Fujian, China. / Fujian Provincial Key Laboratory of Ophthalmology and Visual Science, School of Medicine, Xiamen University, Fujian, China.)
- EP-097 The short-term effect of smoking initiation and cessation on vision-related quality of life in type 2 diabetes: a 2-year follow-up study
Qingyu An (Department of Ophthalmology, Shanghai General Hospital, Shanghai Jiao Tong University, Shanghai Key Laboratory of ocular fundus diseases / Department of Preventative Ophthalmology, Shanghai Eye Disease Prevention and Treatment Center, Shanghai Eye Hospital)
- EP-100 Analysis of Factors Associated with 103 Cases of Pediatric Ocular Trauma Patients in an Eye Hospital in Weifang
Wenting Wang (weifang eye hospital)
- EP-101 Assessment of Drug-Related Cataract Risk in a Large Real-World Sample: An Analysis Based on the FDA Adverse Event Reporting System Database
Tao Tao (Xiamen University)
- EP-102 Real world study of the ocular surface associated with untreated PACS and PACG
Yuan He (The Second Affiliated Hospital of Xi'an Medical University)
- EP-103 Correlation between Corneal Thickness and Posterior Eye Parameters in Non-Pathological Thin Corneas with Myopia
Juan Li (Xi'an People's Hospital(Xi'an Fourth Hospital))
- EP-105 A Study on the Role and Mechanism of Acetylcholine in Maintaining Corneal Avascularity
Yanzi Wang (Eye Institute and Affiliated Xiamen Eye Center of Xiamen University)
- EP-106 Acanthamoeba keratitis - Case report and literature review
Ping Ying (The first affiliated hospital of Nanchang university)
- EP-109 New biomarkers for patients with fungal keratitis from blood routine examination: neutrophil to lymphocyte ratio and platelet to lymphocyte ratio
Aizhen Wang (Zhengzhou University People's Hospital / Henan Provincial People's Hospital / Henan Eye Hospital)
- EP-111 Adiponectin targets the AdipoR1/AKT signaling axis and inhibits inflammatory responses to promote corneal epithelial and nerve damage repair in diabetic mice
Shuo Yang (Eye Center, The Second Affiliated Hospital, School of Medicine, Zhejiang University)

- EP-114 Impact of Diabetes on Tear Film Quality and Recovery Post-Phacoemulsification: A systematic review and meta-analysis
Yushan Shi (Clinical Medical College, Ningxia Medical University, Yinchuan, Ningxia, China)
- EP-116 Changes in corneal curvature and aberrations after cataract surgery
Ye Dai (Zhongshan Ophthalmic Center, Sun Yat-sen University)
- EP-118 Detection of Keratoconus and Forme Fruste Keratoconus with a Novel Diagnostic Tool: Epithelial Aberrations
Chak Seng Lei (Eye Institute and Department of Ophthalmology, Eye & ENT Hospital, Fudan University; NHC Key laboratory of Myopia and Related Eye Diseases; Key Laboratory of Myopia and Related Eye Diseases, Chinese Academy of Medical Sciences, Shanghai, China / Shanghai Research Center of Ophthalmology and Optometry, Shanghai, China)
- EP-119 The Emerging Role of Cdk5 in Corneal Epithelial Wound Healing Via Recruitment of Src to Focal Adhesions
Qing Pan (The First Hospital Affiliated to Zhejiang University)
- EP-123 Anterior Lens Capsule-Lamellar Cornea Complex Transplantation for The Treatment Of Corneal Perforation
Xiaoming Yao (Chengdu Aidi Eye Hospital)
- EP-124 Preoperative Wide-Field Swept-Source Optical Coherence Tomography versus Intraoperative Findings in Detecting Posterior Vitreous Detachment
Zhuangling Lin (State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center, Sun Yat-sen University)
- EP-127 Design of a quantitative ultraviolet riboflavin-induced crosslinking device and its effect on the biomechanical properties of cornea and sclera
Wensi Wang (Beijing University of Technology)
- EP-128 Correlation Between Corneal Volume and Corneal Biomechanics and Corneal Volume Significance in Staging and Diagnosing Keratoconus
Jing Li (Shaanxi Eye Hospital, Xi'an People's Hospital (Xi'an Fourth Hospital), Affiliated People's Hospital of Northwest University)
- EP-131 EGFL6 modulated the dedifferentiation of mature corneal epithelial cells through PAX6 pathway
Guigang Li (Department of Ophthalmology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology)
- EP-132 Evaluating mTOR suppression in Fuchs endothelial corneal dystrophy using a conditional knock-out mouse model
Suguru Ito (Department of Biomedical Engineering, Doshisha University)
- EP-133 Two effective techniques to unfold DMEK grafts in vitrectomized eyes
Takahiko Hayashi (Nihon University)

- EP-134 Tcf4 suppression mitigates ECM dysregulation and guttae formation in a mouse model of Fuchs endothelial corneal dystrophy
Kotaro Onishi (Department of Biomedical Engineering, Doshisha University)
- EP-135 Contact Lens Care in Keratoconus Patients
Renako Kozaki (Kyoto Prefectural University of Medicine)
- EP-136 Morphological changes of corneal endothelial cells in patients with moderate to severe dry eye disease
Shion Sen (Juntendo University Graduate School of Medicine, Data Science, Tokyo, Japan.)
- EP-137 Comparison of rabbit corneal changes in different preservation under Optisol GS™ and airlift
Diya Tang (Department of Ophthalmology and Visual Sciences, Graduate School of Biomedical Sciences, Nagasaki University)
- EP-138 A Novel TRPV1 Antagonist, SJP-0132 for Dry Eye Disease – Results of a Randomized, Double-Masked, Placebo-Controlled Phase 1/2 Study
Tomoyuki Wada (Senju Pharmaceutical Co., Ltd., Osaka, Japan)
- EP-139 Comparison of clinical parameters in aqueous deficient dry eye patients with and without Sjogren's syndrome
Takashi Itokawa (Department of Ophthalmology, Toho University, Tokyo, Japan)
- EP-140 Cornea fluorescence scoring algorithm using Artificial Intelligence
Nanami Iwata (Department of Ophthalmology, Juntendo University Graduate School of Medicine, Tokyo, Japan)
- EP-141 Computer modelling study of volume kinetics in intraocular segments following airbag impact using finite element analysis
Takashi Koyanagi (Fukuoka University School of Medicine)
- EP-142 The Proportion of Ocular Involvement in Primary Sjögren's Syndrome Patients Referred from the Rheumatology Department
Kyung Eun Han (Ewha Womans University/Mokdong Hospital)
- EP-143 OCT Radiomic features used for the assessment of activity of thyroid eye disease
Hanqiao Zhang (Beijing Tsinghua Changgung Hospital, School of Clinical Medicine, Tsinghua University / Beijing Tongren Eye Center, Beijing Tongren Hospital, Beijing Ophthalmology and Visual Science Key Lab, Capital Medical University, Beijing, China)
- EP-147 Study on Balloon-Assisted Primary Bone Fragment Repositioning in Orbital Wall Fractures
Wenwen Yang (Chongqing Emergency Medical Center / Chongqing University Central Hospital / The Fourth People's Hospital of Chongqing)

- EP-153 Prognosis and influencing factors of benign lymphoepithelial lesions of lacrimal gland: a 10-year large sample size, single-center retrospective study
Fuxiao Luan (Beijing Chaoyang Hospital, Capital Medical University)
- EP-155 Conservative treatment of chalazion in pediatric patients
Junghyo Ahn (Pusan National University Yangsan Hospital)
- EP-156 Observational Study of Fundus Outcomes in a Real-world Population with Suspected POAG and Myopia
Yuan He (The Second Affiliated Hospital of Xi'an Medical College)
- EP-158 Clinical outcome of phacoemulsification combined with intraocular lens implantation for primary angle closure/glaucoma (PAC/PACG) with cataract
Yuan He (The Second Affiliated Hospital of Xi'an Medical University)
- EP-165 Characteristics of macrophage-like cells in acute nonarteritic anterior ischemic optic neuropathy and the normal fellow eyes on en face optical coherence tomography
Wenyu Wang (Department of Ophthalmology, Renmin Hospital of Wuhan University)
- EP-171 TRPA1 exacerbates selective RGC vulnerability under acute ocular hypertension
Wenhan Lu (Fudan University Eye and ENT Hospital)
- EP-172 A Novel Schlemm's Canal Microinvasive Glaucoma Microstent Wistend: in Vivo Effectiveness and Biocompatibility
Manman Huang (Zhengzhou University People's Hospital / Henan Provincial People's Hospital / Henan Eye Hospital / Henan Eye Institute)
- EP-175 A novel model of traumatic optic neuropathy under direct vision through anterior orbital approach in non-human primates
Zhiqiang Xiao (sun yat-sen university)
- EP-180 Postsurgical Quantitative Iris Blood Indices Change of Laser Peripheral Iridotomy
Lipu Cui (Shanghai General Hospital, Shanghai Jiaotong University School of Medicine)
- EP-184 Invasive fungal sinusitis presenting as orbital apical syndrome in hemophagocytic syndrome
Shuqi Qin (Beijing Friendship Hospital)
- EP-187 Causes and clinical characteristics of bilateral optic disc edema
Hyeshin Jeon (Department of Ophthalmology, School of Medicine, Pusan National University, Busan, South Korea)
- EP-188 Conversion of Optineurin into an Hsp72-inducible Protein by C-terminal Addition of Green Fluorescent Protein
Wool Suh (Ewha Womans University College of Medicine/Mokdong Hospital)

- EP-193 Comparison of preoperative corneal curvature and WTW in cataract patients measured by IOL Master700 and OPD Scan III
Xiaomin Dong (First affiliated hospital of Xi'an jiaotong university)
- EP-194 Discussion on the surgical parameters design for adult anisometropia
Yan Zhang (Shanghai Jiaotong University/Shanghai General Hospital)
- EP-205 Effect of capsular tension ring implantation on intraocular lens calculation formula selection for long axial myopia
Hong Yan (Shaanxi Eye Hospital, Xi'an People's Hospital)
- EP-215 Restoration of corneal epithelial barrier function: a possible target for corneal neovascularization
Yan Zhang (Shanghai Jiaotong University/Shanghai General Hospital)
- EP-218 A study of different spatial localization of human eyes under colour differences-an example of dynamic vision
Yuchen Wang (Peking University Third Hospital)
- EP-220 METTL14/YTHDF2 Promotes Methylation Degradation of XIST and Inhibits Metabolic Reprogramming of Lens Epithelial Cells
Ling Yao (The First Affiliated Hospital of Bengbu Medical University)
- EP-222 LARP1 may contribute to the senescence of human lens epithelial cells by regulating mitochondrial OXPHOS
Hang Qi (Department of Pathophysiology, College of Basic Medical Sciences, Jilin University, Changchun, China)
- EP-223 Development of an injectable hydrogel with antioxidant activity for the treatment of corneal neovascularization
Zhengwei Ge (Changsha Aier Eye Hospital / Aier Eye Hospital, Jinan University)
- EP-225 The Protective Effect of Targeting the Complement C3/C3aR Signaling Pathway in a Mouse Model of Retinal Vein Occlusion
Yanying Zhao (Aier Academy of Ophthalmology, Central South University / Changsha Aier Eye Hospital)
- EP-227 Effect of retinol treatment on the retinoic acid signaling pathway in the siRNA based aniridia limbal epithelial cell model, in vitro
Shao-Lun Hsu (Dr. Rolf M. Schwiete Center for Limbal Stem Cell and Congenital Aniridia Research, Saarland University, Homburg/Saar, Germany)
- EP-228 Single-cell RNA Analysis of Peripheral Blood Mononuclear Cells In a Mouse Model of Retinitis Pigmentosa
Sakurako Shimokawa (Department of Ophthalmology, Graduate School of Medical Sciences, Kyushu University)

- EP-229 The effects of microglial exosomes on nonpigmented ciliary epithelial cells and trabecular meshwork cells
Eri Takahashi (Kumamoto University)
- EP-230 Effects of topical ozone application on corneal oxygen concentration
Koji Kakisu (Toho University Omori Medical Center)
- EP-231 Pluripotent Epigenetic Regulator OBP-801 Inhibits Fibrosis and Maintains Lower Intraocular Pressure in a Rabbit PRESERFLO® MicroShunt Model
Yusuke Koga (Kyoto Prefectural University of Medicine)
- EP-232 Long-Term Effects of Myopia Induction on Retinal Structure
Yajing Yang (Department of Ophthalmology, Keio University School of Medicine / Laboratory of Photobiology, Keio University School of Medicine / Laboratory of Chorioretinal Biology, Keio University School of Medicine)
- EP-233 Dry eye-induced neuropathic pain: pathomechanisms focusing on trigeminal ganglia
Yuto Tei (Department of Physiology, Faculty of Medicine, Toho University / Department of Ophthalmology, Toho University Medical Center Omori Hospital)
- EP-234 Deep learning for multi-type infectious keratitis diagnosis: a nationwide, cross-sectional, multicenter study
Zhongwen Li (Ningbo Key Laboratory of Medical Research on Blinding Eye Diseases, Ningbo Eye Institute, Ningbo Eye Hospital, Wenzhou Medical University, Ningbo, China. / National Clinical Research Center for Ocular Diseases, Eye Hospital, Wenzhou Medical University, Wenzhou, 325027, China.)
- EP-240 Development and validation of a Screening Model for Mental Health Symptoms in Adolescents Using Pupillary Reactivity to Light
Sile Yu (He University)
- EP-241 Development and Validation of a DeeEP-Learning Model to Predict Visual and Anatomical Prognosis of Anti-VEGF Therapy for Neovascular Age-Related Macular Degeneration (KongMing Study): A Prospective, Nationwide, Multi-center Study
Zuyi Yang (Peking Union Medical College Hospital, Chinese Academy of Medical Sciences / Key Lab of Ocular Fundus Diseases, Chinese Academy of Medical Sciences, Beijing, China)
- EP-246 To evaluate the efficacy of CALLISTO EYE assisted triple focus folding intraocular lens suspension in the treatment of posterior capsule rupture
Jie Zhang (weifang eye hospital)
- EP-249 Biochemical components of corneal stroma: a study on myopia classification based on Raman spectroscopy and deep learning methods
Jing Li (Shaanxi Eye Hospital, Xi'an People's Hospital (Xi'an Fourth Hospital, Afiated People's Hospital of Northwest University))

- EP-251 Development of injectable hyaluronic acid hydrogel with antioxidant activity for the treatment of corneal neovascularization
Zhengwei Ge (Changsha Aier Eye Hospital)
- EP-261 Clinical and histological study of congenital lacrimal fistula
Junya Nagata (Kyushu University)
- EP-262 Detection of pathogens causing ocular infection using metagenomic analysis
Tatsuhiko Kobayashi (Toho University Omori Hospital)