

April 6 (Fri)

Room 1 Hall C

No. Title Speaker (Affiliation)

9 : 00
 JOS Academic Encouragement Prize Commemorative Lecture
 Chair: Shoji Kishi (Gunma Univ)
 Maiko Inoue (Yokohama City Univ, Med Ctr)
 Yoshihiko Usui (Tokyo Med Univ)
 Takahiro Kawaji (Kumamoto Univ)
 Koji Nishiguchi (Nagoya Univ)
 Ichiro Maruko (Fukushima Med Univ)

10 : 00
 10 : 40
 Symposium 8
 Updates of Current Research on Pathogenesis of Myopia
 Organizer: Yasushi Ikuno (Osaka Univ)
 Kyoko Ohno-Matsui (Tokyo Med and Dent Univ)
 S08-1 The pathology of high myopia
 Toshio Hisatomi (Kyushu Univ)
 S08-2 Genome-wide association analyses for myopia
 Hideo Nakanishi (Kyoto Univ)
 S08-3 Myopia research based on genes expression profiles in human scleral cells
 Yuko Seko
 (Nat Rehabilitation Ctr for Persons with Disabilities)
 S08-4 The strategy of prevention of myopia suggested by experimental myopia model
 Muka Moriyama (Tokyo Med and Dent Univ)

12 : 10
 12 : 20
 Luncheon Seminar 10
 For better outcomes of latest Cataract & Refractive technology
 Organizer: Shigeru Kinoshita (Kyoto Pref Univ)
 Alcon Japan LTD.

13 : 20
 13 : 25
 Invited Lecture 1
 Chair: Takeshi Yoshitomi (Akita Univ)
 Visual Suppression in Strabismus
 Jonathan C. Horton
 (Univ of California-San Francisco)

14 : 25
 Special Lecture 2
 Chair: Hidetoshi Yamashita (Yamagata Univ)
 Noninvasive Analysis of Retinal Microstructure and Function: Challenges Promising Future
 Akitoshi Yoshida (Asahikawa Med Univ)

15 : 25
 15 : 30
 Educational Seminar 5
 Treatment Guideline for Age-Related Macular Degeneration
 Organizer: Kanji Takahashi (Kansai Med Univ, Hirakata)
 Mitsuko Yuzawa (Nihon Univ, Surugadai)
 E05-1 Outline of AMD treatment guideline
 Kanji Takahashi (Kansai Med Univ, Hirakata)
 E05-2 Early stages and dry form of age-related macular degeneration
 Tsutomu Yasukawa (Nagoya City Univ)
 E05-3 Typical age-related macular degeneration
 Yuji Oshima (Kyushu Univ)
 E05-4 Polypoidal choroidal vasculopathy
 Ryusaburo Mori (Nihon Univ, Surugadai)
 E05-5 Retinal Angiomatous Proliferaiton
 Chieko Shiragami (Kagawa Univ)

17 : 00

Room 2 Hall B7 (1)

No. Title Speaker (Affiliation)

9 : 00
 Symposium 9
 Process to Develop and Approve New Pharmaceutical
 Organizer: Yuichiro Ogura (Nagoya City Univ)
 Yukihiko Mashima (R-Tech Ueno)
 S09-1 U. S. Drug Development and VCM Technology
 Ryo Kubota (Acucela)
 S09-2 Clinical Development Situation-From Japanese Perspective-
 Yoshikazu Matsumoto (Santen Pharmaceutical)
 S09-3 Japan in multi-national clinical trials
 Koichi Nishijo
 (Bayer Yakuhin Product Development)
 S09-4 Review of Ophthalmic drugs in PMDA
 Kazuyuki Saito (PMDA)

10 : 30
 10 : 40
 Symposium 10
 New Therapeutic Modalities for Cornea Diseases using Translational Research
 Organizer: Shigeru Kinoshita (Kyoto Pref Univ)
 Shigeto Shimmura (Keio Univ)
 S10-1 New Therapeutic Concepts for Corneal Endothelial Dysfunction
 Naoki Okumura (Doshisha Univ)
 S10-2 Ion channel receptors and stromal inflamamtion
 Shizuya Saika (Wakayama Med Univ)
 S10-3 Indication and application of corneal crosslinking
 Naoko Kato (Nat Def Med Coll)
 S10-4 Tissue Engineered Corneal Endothelium Derived From Cornea-derived Precursor
 Shin Hatou (Keio Univ)
 S10-5 Corneal epithelial stem cell
 Ryuhei Hayashi (Osaka Univ)

12 : 10
 12 : 20
 Luncheon Seminar 11
 Management of patients in the maintenance phase of VEGFblocking treatment
 Organizer: Masahito Ohji (Shiga Univ of Med Science)
 Annabelle Ayame Okada (Kyorin Univ)
 Novartis Pharma K. K.

13 : 20

15 : 30
 ARVO-JOS Symposium 2 ENG
 Ocular Surface Update: Inflammation and its Management
 Organizer: Tetsuro Oshika (Tsukuba Univ)
 Takahiro Nakamura (Kyoto Pref Univ)
 AJ02-1 Glycobiology of the ocular surface: Mucins and lectins
 Pablo Argueso (Harvard Med Sch)
 AJ02-2 Recent advances and future challenges in ocular surface reconstruction
 Takahiro Nakamura (Doshisha Univ)
 AJ02-3 The role of inflammation in dry eye disease
 Christophe Baudouin
 (Quinze-Vingts Hosp, France)
 AJ02-4 Angiogenic and anti-angiogenic factors in corneal avascularity
 Tomohiko Usui (Tokyo Univ)

17 : 00

April 6 (Fri)

Room 3 Hall B7 (2)

No. Title Speaker (Affiliation)

9 : 00
10 : 30
10 : 40

Symposium 11
Updates of Visual Function Analysis in Retinal Degeneration
Organizer: Shuichi Yamamoto (Chiba Univ)
Masayuki Horiguchi (Fujita Health Univ)

S11-1 Frontiers of the research in Miyake's disease
Kazushige Tsunoda (Nat Tokyo Med Ctr)

S11-2 Functional Analysis of Animal Models with Photoreceptor Degeneration
Shigeki Machida (Iwate Med Univ)

S11-3 New findings in paraneoplastic retinopathy
Mineo Kondo (Mie Univ)

S11-4 Updates of treatment for retinal degeneration
Shuichi Yamamoto (Chiba Univ)

S11-5 New findings of the causative genes for retinitis pigmentosa and allied diseases
Yoshihiro Hotta (Hamamatsu Med Univ)

10 : 30
10 : 40

Symposium 12
Frontiers in Mechanisms underlying Inflammatory Ocular Diseases
Organizer: Nobuhisa Mizuki (Yokohama City Univ)
Koh-hei Sonoda (Yamaguchi Univ)

S12-1 Molecular genetic analysis of inflammatory ocular diseases
Akira Meguro (Yokohama City Univ)

S12-2 Regulation of ocular inflammatory disease by retinoid
Hiroshi Keino (Kyorin Univ)

S12-3 Molecular mechanisms in regulation of ocular inflammation
Junko Hori (Nippon Med Sch)

S12-4 Birds' eye view of uveitis
Nobuyoshi Kitaichi
(Health Sciences Univ of Hokkaido)

S12-5 Regeneration and inflammation in lacrimal gland
Masataka Ito (Nat Def Med Coll, Dept of Developmental Anatomy & Regenerative Biol)

12 : 10
12 : 20

Luncheon Seminar 12
How to read? How to treat?—Based on 3rd ver. Japanese glaucoma guideline—
Organizer: Makoto Araie (Kanto Central Hosp)
MSD K. K.
Santen Pharmaceutical Co., Ltd.

13 : 20
15 : 30

Educational Seminar 6
The Significance of Gonioscopy in the Era of Anterior Segment Imaging
Organizer: Tetsuya Yamamoto (Gifu Univ)
Kazuhiko Mori (Kyoto Pref Univ)

E06-1 Practical Gonioscopy
Kazuhide Kawase (Gifu Univ)

E06-2 Angle surgery using surgical gonio lenses
Kazuhiko Mori (Kyoto Pref Univ)

E06-3 Ultrasound Biomicroscopy and Gonioscopic evaluation
Shiho Kunimatsu-Sanuki (Jichi Med Univ)

E06-4 Anterior segment optical coherence tomography, Pentacam and gonioscopy
Yasumasa Otori (Osaka Nat Hosp)

17 : 00

Room 4 Hall B5 (1)

No. Title Speaker (Affiliation)

7 : 50

Morning Seminar 1
The gentle to the patient on allergic conjunctiva disease medical examination Part 2
Organizer: Yuichi Ohashi (Ehime Univ)
Santen Pharmaceutical Co., Ltd.

8 : 50
9 : 00

Educational Seminar 7
Writing Scientific Papers: Good or Bad
Organizer: Manabu Mochizuki (Tokyo Med and Dent Univ)
Masaru Takeuchi (Nat Def Med Coll)

E07-1 General Instructions for Authors
Masaru Takeuchi (Nat Def Med Coll)

E07-2 Technical Advice from a Translator/Rewriter
Kyoko Shirose (ZENIS)

E07-3 Notes on Statistical Analysis in Clinical Research
Makoto Tomita (Tokyo Med and Dent Univ)

E07-4 Guidelines on publishing ethics
Satoshi Kashii (Aichi Shukutoku Univ)

10 : 30
10 : 40

Symposium 13
Basic Research Seminar
Organizer: Hiroko Terasaki (Nagoya Univ)
Kousuke Noda (Hokkaido Univ)

S13-1 Biological approaches to mood disorder
Takaaki Kasahara (RIKEN Brain Science Inst)

S13-2 A role of L-PGDS in cardio vascular renal disease
Motoaki Sano (Dept of Cardiology, Keio Univ)

S13-3 Neural stem cell for the future of regenerative medicine
Wado Akamatsu (Dept of Physiology, Keio Univ)

12 : 10
12 : 20

Luncheon Seminar 13
Glaucoma medical therapy: My phylosophy
Organizer: Tetsuya Yamamoto (Gifu Univ)
Pfizer Japan Inc.

13 : 20
15 : 30

Symposium 14
Latest Version! Application of Lens Regeneration and Maintenance of Transparency in a Clinic Setting
Organizer: Hiroshi Sasaki (Kanazawa Med Univ)
Makoto Takehana
(Faculty of Pharmacy, Keio Univ)

S14-1 Oxidative atress-related signaling in lens epithelial cells and cataract
Eri Kubo (Kanazawa Med Univ)

S14-2 Somatic stem cells in lens
Mikako Oka (Faculty of Pharmacy, Keio Univ)

S14-3 Functional analysis of Large Maf franscription factors for lens development
Satoru Takahashi (Tsukuba Univ)

S14-4 Analysis of lens development using zebrafish
Sumiko Watanabe
(Inst of Medical Science, Tokyo Univ)

17 : 00

April 6 (Fri)

Room 5 Hall B5 (2)

No.	Title	Speaker (Affiliation)
7 : 50	Morning Seminar 2 Allergy? Really? Organizer: Atsuki Fukushima (Kochi Univ) Alcon Japan LTD.	
8 : 50 9 : 00	Retinal Image Analysis 1 Chair: Shigehiko Kitano (Tokyo Women's Med Univ, Diabetes Ctr)	
	O2-164 The inner segment/outer segment junction in Vogt-Koyanagi-Harada disease	Yumiko Yamaguchi (Gunma Univ)
	O2-165 Quantitative image analysis of photoreceptor layers using fractal analysis	Akihito Uji (Kyoto Univ)
	O2-166 Changes of subretinal fluid reflectivities in central serous chorioretinopathy	Masayuki Hata (Kobe City Med Ctr General Hosp)
	O2-167 High-resolution imaging of the white dot structure in fundus albipunctatus	Yukiko Makiyama (Kyoto Univ)
	O2-168 Foveal Morphology in Normal Fellow Eyes of Patients with Retinal Diseases	Kazuyuki Kumagai (Kami-iida First General Hosp)
10 : 00 10 : 05	Retinal Image Analysis 2 Chair: Fumi Gomi (Osaka Univ)	
	O2-169 Highly sensitive high-resolution OCT using electromagnetic induced dipole	Motoyoshi Baba (Tokyo Univ)
	O2-170 Macular pigment distribution measured by reflectometry and autofluorescence	Takahiko Seto (Juntendo Univ, Shizuoka)
	O2-171 Retinal images after retinal detachment with adaptive optics camera	Tomoko Nakamura (Toyama Univ)
	O2-172 Montage Images of Spectral Domain-Optical Coherence Tomography in Healthy Eyes	Hidekazu Omata (Saitama Med Sch)
	O2-173 Prognostic Factors Assessed by SD-OCT in Idiopathic Epiretinal Membrane	Akira Shiono (St Marianna Univ)
11 : 05 11 : 10	Retinal Image Analysis 3 Chair: Junichi Kiryu (Kawasaki Med Sch)	
	O2-174 Analysis of Shape of Highly Myopic Fundi Using Curvature Radius Gained from OCT	Masahiro Miyake (Kyoto Univ)
	O2-175 High penetration OCT findings of age-related choroidal atrophy	Maruko Ichiro (Fukushima Med Univ)
	O2-176 Imaging subarachnoid space in eyes with high myopia using swept source OCT	Natsuko Nagaoka (Tokyo Med and Dent Univ)
	O2-177 Macular choroidal thickness in eyes with inferior poster staphyloma	Ellabban Abdallah (Kyoto Univ)
	O2-178 Evaluation of function of RPE in AZOOR by fundus autofluorescence	Danjie Li (Gunma Univ)
12 : 10 12 : 20	Luncheon Seminar 14 Rediscover! The fascination of spheric IOL!! Organizer: Hiroko Bissen-Miyajima (Tokyo Dent Coll, Suidobashi) Santen Pharmaceutical Co., Ltd.	
13 : 20 15 : 30	Skill Transfer 1 Evaluation of Model Animals and Basic Knowledge for Basic Science Study Organizer: Kenji Kashiwagi (Yamanashi Univ) Masayo Takahashi (CDB, RIKEN)	
	SK01-1 Visual acuity, behavior, and electroretinogram in animal model	Mineo Kondo (Mie Univ)
	SK01-2 Evaluation of animal models: in vivo imaging of rodent fundus	Tomomi Higashide (Kanazawa Univ)
	SK01-3 Referees' Viewpoints	Yoko Ozawa (Keio Univ)
	SK01-4 Tips for obtaining research funds	Masayo Takahashi (CDB, RIKEN)

Room 6 Hall D7

No.	Title	Speaker (Affiliation)
7 : 50	Morning Seminar 3 Protect the Ocular Surface Organizer: Shigeru Kinoshita (Kyoto Pref Univ) Otsuka Pharmaceutical Co., Ltd.	
8 : 50 9 : 00	Age-related Macular Degeneration (Diagnosis) Chair: Yoshinori Mitamura (Tokushima Univ)	
	O2-179 Variability and correlation of macular pigment density measured by four methods	Yuko Gohto (Seirei Hamamatsu General Hosp)
	O2-180 Fundus autofluorescence before onset of retinal angiomatous proliferation	Tetsuju Sekiryu (Fukushima Med Univ)
	O2-181 Autofluorescent change after treatment of polypoidal choroidal vasculopathy	Tetsuya Yamagishi (Kyoto Pref Univ)
	O2-182 Associations between early signs of AMD and second eye involvement	Mariko Sasaki (Keio Univ)
	O2-183 Subfoveal Choroidal Thickness in Retinal Angiomatous Proliferation	Taizo Yamazaki (Kyoto Pref Univ)
10 : 00 10 : 05	Age-related Macular Degeneration (Treatment) Chair: Atsushi Hayashi (Toyama Univ)	
	O2-184 Predictive factors of efficacy after intravitreal ranibizumab for typical AMD	Kano Mariko (Fukushima Med Univ)
	O2-185 Vitreous hemorrhage after intravitreal ranibizumab injection for AMD	Tetsuo Ogino (Sapporo City General Hosp)
	O2-186 Non-responder of intravitreal ranibizumab for exudative AMD	Tsuyoshi Otsuji (Kansai Med Univ, Takii)
	O2-187 Aqueous VEGF one month or two months after ranibizumab injection for AMD	Tomoko Sawada (Shiga Med Univ)
	O2-188 24-month results of ranibizumab therapy to typical AMD	Yoshimi Nagai (Kansai Med Univ, Hirakata)
11 : 05 11 : 10	Neovascularization etc Chair: Atsushi Otani (Japanese Red Cross Wakayama Med Ctr)	
	O2-189 The effect of PPAR gamma agonist on fibroblastic change of primate RPE	Hiroki Hatanaka (Kyoto Pref Univ)
	O2-190 Retinal angiogenesis regulated by AM-RAMP2 system in OIR of mice	Yasuhiro Iesato (Shinshu Univ)
	O2-191 Myopic choroidal neovascularization and ocular extension	Takanori Kameda (Kobe City Med Ctr Gen Hosp)
	O2-192 Mechanism of subretinal Amyloid deposit in AMD	Jiyang Wang (Tokyo Med and Dent Univ)
	O2-193 Role of CXCR3 in oxygen-induced retinopathy	Kentarō Yuda (Tokyo Univ)
12 : 10 12 : 20	Luncheon Seminar 15 Infection Risk Management in the age to come Organizer: Yuichi Ohashi (Ehime Univ) HOYA Corporation	
13 : 20 15 : 30	Retinal Vascular Lesion Chair: Yukihiko Sato (Jichi Med Univ)	
	O2-194 Focal macular ERG elicited by hemircular stimuli in eyes with BRVO	Shunsuke Yasuda (Nagoya Univ)
	O2-195 Measurement of blood flow wave pattern in cases with BRVO using LSFG	Yasutaka Onada (Toho Univ, Sakura)
	O2-196 Investigation on the effect of arteriovenous sheathotomy for BRVO using LSFG	Rina Muramatsu (Toho Univ, Sakura)
	O2-197 Retinal vascular changes associated with incident branch retinal vein occlusion	Ryo Kawasaki (Osaka Med Ctr for Health Science and Promotion)
	O2-198 Macular pigment of macular telangiectasia	Miki Sawa (Osaka Univ)
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April 6 (Fri)

Room 7 Hall D5

Room 8 Hall D1

No. Title Speaker (Affiliation)

No. Title Speaker (Affiliation)

9 : 00

Glaucoma Medication
Chair: Shiroaki Shirato (Yotsuya Shirato Eye Cl)

O2-199	The control effect of the view obstacle of Latanoprost	Yoshinori Itoh (Jikei Univ)
O2-200	Effect of Travoprost 0.004% on normal tension glaucoma patients for three years	Mayumi Iwasa (Inouye Eye Hosp)
O2-201	Incidence of eyelid and eyelashes adverse reactions in 5 prostaglandin analogs	Takeshi Soga (Inouye Eye Hosp)
O2-202	Comparison of the effects of two preservatives to ocular surface	Yoko Ikeda (Kyoto Pref Univ)
O2-203	Effect of Latanoprost 0.005%/timolol maleate 0.5% fixed combination for one year	Kenji Inoue (Inouye Eye Hosp)

9 : 00

Strabismus, Neuro-Ophthalmology
Chair: Osamu Mimura (Hyogo Med Coll)

O2-219	Static stereoscopic acuity and observation distance in pilots	Tadashi Muraoka (Nat Def Med Coll)
O2-220	Quantitative analysis of stereopsis with a 3-D television	Manabu Miyata (Okayama Univ)
O2-221	3D image analysis of eye movement in patients with superior oblique myokymia	Ichiro Hamsaki (Okayama Univ)
O2-222	MRI signal intensity and enlargement of eye muscles in Graves' ophthalmopathy	Yasuhiro Nishida (Shiga Med Univ)
O2-223	Raman microscopy for dynamic molecular imaging of glutamate induced dying RGCs	Takeshi Morimoto (Osaka Univ)

10 : 00
10 : 05

Glaucoma Surgery, Ocular Tension
Chair: Yasuyuki Suzuki (Tokai Univ, Hachioji)

O2-204	Outcome of glaucoma surgery with Ahmed implant	Naoko Tachi (Shinseikai Toyama Hosp)
O2-205	Long-term outcomes of selective laser trabeculoplasty	Michi Nagasawa (Yamagata Univ)
O2-206	Effect of Trabeculectomy on intraocular pressure fluctuation with postural change	Takahiro Kiuchi (Tsukuba Gakuen Hosp)
O2-207	Long term intraocular pressure change after phacovitrectomy	Yuya Kii (Kagoshima Univ)
O2-208	Comparison of the digital Goldmann applanation tonometer with the standard one	Yuta Sakaue (Niigata Univ)

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Pediatric Ophthalmology, Neuro-Ophthalmology
Chair: Shunji Kusaka (Kinki Univ, Sakai)

O2-224	Mutations in MFRP Gene in Patients with Nanophthalmos	Itsuka Matsushita (Occ and Env Health Univ)
O2-225	Exome sequencing identified a mutation causing familial microphthalmia syndrome	Hiroyuki Kondo (Occ and Env Health Univ)
O2-226	Visual dysfunction and symptoms in pediatric migraine	Hara Naoto (Kanagawa Dent Coll, Yokohama)
O2-227	Application of anterior segment optical coherence tomography in myopia children	Fangfang Qiu (Eye Inst of Xiamen Univ, China)
O2-228	Factors influencing stereoacuity after surgery for developmental cataracts	Soo Jung Lee (Haeundae Paik Hosp, Korea)

11 : 05
11 : 10

Glaucoma Filtering Surgery
Chair: Yasuaki Kuwayama (Fukushima Eye Cl)

O2-209	Paclitaxel-eluting honeycomb-patterned film in experimental filtration surgery	Tetsuhiko Okuda (Kanazawa Univ)
O2-210	A prospective clinical trial of trabeculectomy for phakic vs pseudophakic eyes	Yuji Takihara (Kumamoto Univ)
O2-211	Choroidal morphologic changes after trabeculectomy	Sato Kuroda (Osaka Univ)
O2-212	Optic disc change in glaucoma patients after surgery using swept-source OCT	Munemitsu Yoshikawa (Kyoto Univ)
O2-213	Reconstruction of Filtering Bleb using Silicone Sponge Wrapped with Amnion	Akihiko Tawara (Occ and Env Health Univ)

11 : 05

Luncheon Seminar 17
Treatment of uveitis with Behcet's disease: the past, now, and the future
Organizer: Shigeaki Ohno (Hokkaido Univ)
Mitsubishi Tanabe Pharma Corporation

12 : 10
12 : 20

Luncheon Seminar 16
Case study of AO-SLO and Progressor in the near future
Organizer: Nagahisa Yoshimura (Kyoto Univ)
NIDEK CO., LTD.

12 : 20

Luncheon Seminar 17
Treatment of uveitis with Behcet's disease: the past, now, and the future
Organizer: Shigeaki Ohno (Hokkaido Univ)
Mitsubishi Tanabe Pharma Corporation

13 : 20
15 : 30

Keratoconjunctivitis (Infection, Allergy)
Chair: Yoshitsugu Inoue (Tottori Univ)

O2-214	Real-time PCR of VZV in the diagnosis of anterior segment infection	Kodai Inata (Tottori Univ)
O2-215	Gene expression when reactivation is suppressed in mouse herpetic keratitis	Shohei Komoto (Kinki Univ)
O2-216	Expression of Activin A and DC migration in the infected human cornea	Mari Narumi (Yamagata Univ)
O2-217	Efficacy of photodynamic antimicrobial chemotherapy on Staphylococcus aureus	Miftahul Akhyar Latief (Hiroshima Univ)
O2-218	Revelation of IL-25 in a chronic allergic conjunctivitis organization	Yosuke Asada (Juntendo Univ)

13 : 20
15 : 30

Artificial Tissue, Gene Manipulation
Chair: Yasuhiro Ikeda (Kyushu Univ)

O2-229	Evaluation of new electrode for retinal prosthesis by retinal optical imaging	Hiroyuki Kanda (Dept of Applied Visual Science, Osaka Univ)
O2-230	Transduction efficiency of adenoviral vector 6 months after subretinal injection	Kazuhiro Ueyama (Saitama Med Sch)
O2-231	Transgenic zebrafish expressing human HTRA1 driven by Rhodopsin promoter	Machiko Nakamura (Osaka Univ)
O2-232	Potential of self-assembling peptide gel as artificial vitreous	Koji Uesugi (Osaka Univ)

16 : 30

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April 6 (Fri)

Room 9 G502

Room 10 G510

No. Title Speaker (Affiliation)

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9 : 00

Glaucoma Basic 1
Chair: Toshiaki Kubota (Oita Univ)

O2-233 Neuroprotective effects of AT1-R via modulating AT1-R signaling Tomoyoshi Fujita (Kagawa Univ)

O2-234 Protective Effects of Mineralocorticoid Receptor Kazuyuki Hirooka (Kagawa Univ)

O2-235 Neuroprotective effects of tamoxifen against acute pressure elevation Makoto Ishikawa (Akita Univ)

O2-236 Neuroprotective effect of VCP inhibitor in a mouse model of glaucoma Noriko Nakano (Kyoto Univ)

O2-237 Acceleration of APP cleavage in amyloidogenic pathway in optic nerve degeneration Kaori Kojima (St Marianna Univ)

9 : 00

Ocular Surface1 (Basic) ENG
Chair: Shigeto Shimmura (Keio Univ)

O2-253 Angiogenesis Progenitors in the Human Limbal Stem Cell Niche Gui-Gang Li (TissueTech, Ocular Surface Ctr, USA)

O2-254 Amniotic membrane with live stromal cells facilitates limbal stem cell expansion Jie Yang (Eye Inst of Xiamen Univ, China)

O2-255 Expression of Phosphorylated Heat Shock Protein 27 in Corneal Wound Healing Jae Yong Kim (Ulsan Univ, Asan Med Ctr, Republic of Korea)

O2-256 SERPINA3K protects rabbit corneal endothelium from barrier function disruption Jiaoyue Hu (Eye Inst of Xiamen Univ, China)

O2-257 Regulatory Effects of CD8+ Cells on Generation of T helper-17 Cell in Dry Eye Xiaobo Zhang (He Eye Hosp, China)

10 : 00
10 : 05

Glaucoma Basic 2
Chair: Akihiko Tawara (Occ and Env Health Univ)

O2-238 Intraocular pressure and ocular histology in KHC rabbit Takao Tanaka (Tokyo Med Univ, Hachioji)

O2-239 Analysis of retinal ganglion cell in ferret ocular hypertension model. Takashi Fujishiro (Saitama Red Cross Hosp)

O2-240 Critical role of Nrf2 in the oxidative stress-induced RGC death. Noriko Himori (Tohoku Univ)

O2-241 Altered DNA damage response induced by hypoxia in retinal ganglion cells Mari Katsura (Tokyo Univ)

O2-242 Dock3 induces axon regeneration after optic nerve injury Takayuki Harada (Tokyo Metropolitan Inst Med Sci)

10 : 00
10 : 05

Ocular Surface2 (Clinical) ENG
Chair: Hitoshi Watanabe (Kansai Rosai Hosp)

O2-258 Biomechanical properties of the cornea and anterior segment parameters Ho Sik Hwang (Seoul St. Mary's Hosp, Korea)

O2-259 Clinical Treatment of Dry Eye using 0.03% Tacrolimus Eye Drop Ricardo Holzchuh (Univ of Sao Paulo, Brazil)

O2-260 Cytokine and Osmolarity Change in the Tear of Dry Eye with 1% Methylprednisolone Tae-im Kim (Yonsei Univ, Coll of Medicine, Korea)

O2-261 Oral Mucosa Graft to Correct Lid Margin Pathologies in Ocular Surface Diseases Yao Fu (Ninth People's Hosp Med Sch of Shanghai Jiaotong Univ, China)

O2-262 Partial LK for Peripheral Corneal Disease Using a Corneal Rim Graft Hua Gao (Shandong Eye Hosp, China)

11 : 05
11 : 10

Glaucoma Basic 3
Chair: Makoto Araie (Kanto Central Hosp)

O2-243 Reproducibility of laser speckle flowgraphy-NAVI (non-mydiatic type) Naoko Aizawa (Tohoku Univ)

O2-244 Quantitative assessment of optic nerve head blood flow by LSF-NAVI™ Hiroaki Takahashi (Senju Pharmaceutical)

O2-245 Systemic oxidative stress measurements in patients with glaucoma Masaki Tanito (Shimane Univ)

O2-246 Evaluation for CNTNAP2 gene polymorphisms for exfoliation syndrome in Japanese Ai Shimizu (Tohoku Univ)

O2-247 Functional analysis of optineurin using a series of truncated constructs Jie Gao (Med Photonics Res Ctr, Hamamatsu Med Univ)

11 : 05
11 : 10

Ocular Surface 3 (Clinical) ENG
Chair: Akira Murakami (Juntendo Univ)

O2-263 Epidemiology of Pterygium : a Population Based Study in Shanghai Yimin Li (Eye, Ear, Nose and Throat Hosp, Fudan Univ, P. R. China)

O2-264 The Role of SERPINA3K as a Wnt Antagonist in Ocular Surface Squamous Metaplasia Zhirong Lin (Eye Inst of Xiamen Univ, China)

O2-265 Therapeutic Effects of EGF on BAC-Induced Dry Eye in a Mouse Model Xinye Xiao (Eye Inst of Xiamen Univ, China)

O2-266 Ocular Surface Morbidity in Eyes with Senile Sunken Globe Lingyi LIANG (Zhong Shan Ophthalmic Ctr, Sun Yat-sen Univ, China)

O2-267 SERPINA3K Protects against Oxidative Stress via Modulating ROS System in Cornea Tong Zhou (Eye Inst, Xiamen Univ, China)

12 : 10
12 : 20

Luncheon Seminar 18
Allergic Rhino-Conjunctivitis, its present and future-from inside of Ophthalmology and Otorhinolaryngology-
Organizer: Eiichi Uchio (Fukuoka Univ)
KISSEI Pharmaceutical Co., LTD.

12 : 10
12 : 20

Luncheon Seminar 19
The New Choice of Refractive Correction: ICL
Organizer: Kimiya Shimizu (Kitasato Univ)
STAAR Japan Inc.

13 : 20
15 : 30

Retinal Molecular Biology
Chair: Naoko Ogata (Nara Pref Med Univ)

O2-248 Mechanism of bipolar dysfunction caused by autoantibody against TRPM1 Shinji Ueno (Nagoya Univ)

O2-249 Role of periostin in the pathogenesis of proliferative vitreoretinopathy Keijiro Ishikawa (Kyushu Univ)

O2-250 Effects of transscleral drug delivery against light-induced retinal damage Nobuhiro Nagai (Tohoku Univ ART)

O2-251 Comprehensive gene comparison of membranes from patients with PVR and ERMs. Ryo Asato (Kyushu Univ)

O2-252 Biomedical measurement of collagen remodeling by the SHG microscope Yukio Sassa (Fukuoka Univ, Chikushi)

13 : 20
15 : 30

Keratoconjunctivitis (Immunity)
Chair: Nobuyuki Ebihara (Juntendo Univ)

O2-268 Epistatic interaction between TLR3 and EP3 in allergic conjunctivitis Mayumi Ueta (Kyoto Pref Univ)

O2-269 Interaction between T cells and mesenchymal stem cells in ocular chronic GVHD Ogawa Yoko (Keio Univ)

O2-270 The allo-antigen presentation under MHC-matched corneal transplantation Jun Yamada (Meiji Univ of Integrative Med)

O2-271 Suppression of corneal lymphoangiogenesis and rejection reaction using PMab-1 Yuko Maruyama (Kyoto Pref Univ)

O2-272 Clinical Features of Patients with Mucous Membrane Pemphigoid Akiko Fukumoto (Kyoto Pref Univ)

16 : 30

16 : 30

April 6 (Fri)

Room 11 G701

No. Title Speaker (Affiliation)

9 : 00

No.	Title	Speaker (Affiliation)
Refraction Evaluation Chair: Naoyuki Maeda (Osaka Univ)		
O2-273	Effect of Tear-film dynamics on Optical quality and Scattering in Normal Eyes	Hidenaga Kobashi (Kitasato Univ)
O2-274	Optical quality after posterior chamber phakic intraocular lens implantation	Kamiya Kazutaka (Kitasato Univ)
O2-275	Internal astigmatism after cataract surgery.	Yoshiyuki Kitaguchi (Sumitomo Hosp)
O2-276	Effect of sub-surface nano glistening on aberration and forward light scattering	Toshiya Yamamoto (Ushiku Aiwa General Hosp)
O2-277	Time Course of Intraocular Scattering after Refractive Lenticule Extraction	Akihito Igarashi (Kitasato Univ)

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No.	Title	Speaker (Affiliation)
Refraction Surgery etc Chair: Ryoji Yamakawa (Kurume Univ)		
O2-278	To analyze the astigmatic error with Toric IOL implantation and position.	Kazuhiro Watanabe (Keio Univ)
O2-279	Five-year outcome of Epipolis laser in situ keratomileusis (Epi-LASIK) and LASIK	Kiyoshi Yamamura (Baptist Eye Cl)
O2-280	Vision-related quality of life in patients with Infectious Keratitis after LASIK	Fumiki Okamoto (Tsukuba Univ)
O2-281	Fluid Dynamics Simulation of Aqueous Humour and laser iridotomy for KS-AquaPORT	Takushi Kawamorita (Kitasato Univ Dept of Orthopt and Vis Sci)
O2-282	Pupil reflex after posterior chamber phakic intraocular lens implantation	Kazuko Fujiwara (Kitasato Univ)

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11 : 10

No.	Title	Speaker (Affiliation)
Orthokeratology, Keratoconus Chair: Masao Matsubara (Tokyo Women's Med Univ, Med Cntr East)		
O2-283	Results of post-marketing surveillance of orthokeratology for two years	Takahiro Hiraoka (Tsukuba Univ)
O2-284	Myopia Control with Orthokeratology contact lenses	Jacinto Santodomingo (Menicon, Spain)
O2-285	Orthokeratology and Corneal Susceptibility to Microbial Keratitis	Jennifer Denise Choo (Menicon, Canada)
O2-286	Changes in the Posterior Corneal Surface After Intracorneal Ring Segments	Hiroaki Kato (Baptist Eye Cl)
O2-287	Safety of UVA-riboflavin Cross-linking of the rabbit sclera	Mengmeng Wang (Beijing Tongren Eye Ctr, Beijing Tongren Hosp, Capital Med Univ, China)

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No.	Title	Speaker (Affiliation)
Luncheon Seminar 20 Effects of Astaxanthin on Dry Eye Organizer: Susumu Ishida (Hokkaido Univ) Fuji Chemical Industry, Co., Ltd.		

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April 6 (Fri)

Posters Exhibition Hall

No.	Title	Speaker (Affiliation)
Retinal Analysis(Basic)		
P-050	Plasma metabolomics of cynomolgus monkeys with early onset drusen formation	Hiroaki Kobayashi(Div of Molecular & Cellular Biology, Nat Inst of Sensory Organs, Tokyo Med Ctr)
P-051	Detection of antiretinal antibodies in suspected autoimmune retinopathy patients	Michiyuki Saito(Hokkaido Univ)
P-052	Localization of chromosomal region for rat retinal photic injury susceptibility	Kentaro Ohishi (Hamamatsu Med Univ, Med Photonics Res Ctr)
P-053	Correlation between SD-OCT and histology of retina before and after LED exposure	Ryo Mukai(Gunma Univ)
P-054	Intracellular succinate concentration in retinal pigment epithelial cells	Hirofumi Kinoshita (Nagasaki Univ)
P-055	Expression pattern of olig2 in the retina of adult mouse	Katsunori Nochioka (Nara Pref Med Univ)
P-056	Role of Zic family transcription factor in retinal development	Yui Watabe(Teikyo Univ)
P-057	C-Jun and JNK activation in neuronal cell death in diabetic rat retinas	Toshiyuki Oshitari(Chiba Univ)
P-058	The gene expression of laser-induced CNV in NOS2-null mice	Norihito Fujita (Wakayama Med Univ)
P-059	Vulnerability Of Retinal Capillaries To Hypoxia	Atsuko Nakaizumi (Osaka Med Coll)
P-060	Involvement of Apelin/APJ system in laser-induced choroidal neovascularization	Ueno Chikako(Osaka Univ)
P-061	IL-17 producing gammadelta Tcell in experimental choroidal neovascularization	Eiichi Hasegawa(Kyushu Univ)
P-062	Effect of amount of breast milk on rat model of oxygen-induced retinopathy	Michiko Matsubara(Showa Univ)
P-063	Quality control of Okayama University-type retinal prosthesis	Toshihiko Matsuo (Okayama Univ)
P-064	Suppression of laser-induced choroidal neovascularization by resveratrol	Norihiro Nagai(Keio Univ)
P-065	The examination of the plasma angiotensin II level in the Type II diabetic rat	kimihito maeda (Sapporo Med Univ)
P-066	Changed MMPs and TIMPs expressions in cultured RPE cell after laser irradiation.	Masayuki Takeyama (Aichi Med Univ)
P-067	Neuroprotection of caspase9 siRNA complex on rat retinal transient ischemia.	Shinichiro Ishikawa(Saga Univ)
Retinal Analysis(Clinical)		
P-068	Correlation of intraocular pressure and choroidal thickness and axial length.	Sachiko Nagaya(Nagoya Univ)
P-069	Nocturnal nondipping of heart rate in PDR with iris/angle neovascularization	Tomoaki Shiba (Toho Univ, Sakura)
P-070	Novel point mutations of the ABCA4 gene in pigment clumping type cone dystrophy	Kenji Wakabayashi (Wakabayashi Eye Ctr)
P-071	Changes of plasma nitrate and ocular circulation of retinal vein occlusion	Teruyo Kida(Osaka Med Coll)
P-072	The relation between choroidal thickness and fundus blood flow in high myopia.	Hideharu Ohsugi (Tsukazaki Hosp)
P-073	Association between retinal vessel diameter and smoking.	Masahide Yanagi (Hiroshima Univ)
P-074	A case of POEMS syndrome and aqueous VEGF concentration	Noboru Arimura (Kagoshima Univ)
P-075	Correlation between age and waveform analysis detected by laser speckle	fumihiko Nitta(Tohoku Univ)
P-076	Acquired Progression of Abnormal Vessels in Vascular Loop Formation	Tadashi Akiyama (Saitama Med Univ)
P-077	Choroidal thickness in patients with dome-shaped macula	Atsuko Sato (Matsumoto Dent Univ)
P-078	Effect of lutein supplementation on macular pigment optical density	Masato Takei (Japanese Red Cross Med Ctr)
P-079	Measurement of VEGF by ELISA under an absence of anti-VEGF antibody	Hidegori Takahashi(Tokyo Univ)
P-080	Effects of panretinal photocoagulation on retinal nerve fiber layer thickness	Masanori Fukumoto (Takatsuki Red Cross Hosp)
P-081	Fundus screening in diabetic patients using non-mydratric digital fundus camera	Okawara Yuriko(Jichi Med Univ)
P-082	A heterozygous PRPH2 mutation (R172Q) in central areolar choroidal dystrophy	Naoko Itoh(Jikei Univ)
P-083	The changes of choroidal circulation in unilateral acute idiopathic maculopathy	Yuki Hashimoto(Hokkaido Univ)
P-084	Blood flow before and after vitrectomy for diabetic macular edema	Makiko Matsumoto (Nagasaki Univ)
P-085	Long-term outcomes in IRVAN syndrome	Kogure Akiko (Tokyo Women's Med Univ)
P-086	Immune Mediator Profiles in Patients with Rhegmatogenous Retinal Detachment	Shunichiro Ueda (Tokyo Med Univ)
P-087	Influence of pars plana vitrectomy on ocular blood flow	Masahiro Okamoto (Nara Pref Med Univ)
P-088	Evaluation of nocturnal and resting heart rate in the diabetic retinopathy cases	Chieko Shiba (Toho Univ, Sakura)

Posters Exhibition Hall

No.	Title	Speaker (Affiliation)
Glaucoma(Basic)		
P-089	Evaluation for CAV1 and 2 gene for Open-angle Glaucoma and Exfoliation Glaucoma	Yoshimasa Takano(Tohoku Univ)
P-090	Association between <i>ESR2</i> gene polymorphisms and intraocular pressure	Fumihiko Mabuchi (Yamanashi Univ)
P-091	Tafuprost induces c-myc/sirt1 transcription pathway	Naoya Miyamoto (Occ and Env Health Univ)
P-092	Timolol activates MMP9 via membrane-anchored protease regulator RECK	Rie Miyamoto (Occ and Env Health Univ)
P-093	Lysosomal phospholipase A2 activity found in pig aqueous humor.	Kanako Sawada (Sapporo Med Univ)
P-094	Role of phospholipase A2 (LPLA2) on glaucoma etiology	Hiroshi Ohguro (Sapporo Med Univ)
P-095	The neuroprotective effect of FK506 on normal-tension glaucoma mice	Takao Hirano(Shinshu Univ)
P-096	Valproate protects RGC after ocular hypertension through epigenetic modulation	Shenghai Zhang (EENT Hosp Fudan Univ, China)
Glaucoma Examination		
P-097	Assessment of Schlemm's cannal by anterior segment optical coherence tomography	Maki Kuro (Kansai Med Univ, Takii)
P-098	Ciliary process-to-process distance measured using ultrasound biomicroscopy	Takaaki Matsuki (Kobe General Hosp)
P-099	Investigation of parameters of macula and nerve head for diagnosis of glaucoma	Shunsuke Kogure (Tokyo Women's Med Univ)
P-100	Verification of ovality index as an index of optic disc tilt	Hiroko Takasaki (Kawasaki Univ Med Wel)
P-101	The correlation between the visual field deficit and RNFLT on the sectors	Toshifumi Asano(Tohoku Univ)
P-102	Assessment of axial length and ganglion cell layer exclude the several factors	Kazunori Hirasawa (Kitasato Univ)
P-103	Change of macular retinal thickness in POAG and preperimetric glaucoma.	Hiroko Inuzuka(Gifu Univ)
P-104	A relationship between macular GCC Area and VF Loss in open-angle glaucoma eyes	Hiroki Yamada(Gifu Univ)
P-105	Influence of cataract on the macular GCC and circumpapillary RNFL measurements	Asuka Takeyama (Toho Univ, Ohashi)
P-106	Visual field in glaucoma patients follow up for more than 30 years	Junko Suzuki(Olympia Eye Hosp)
P-107	Glaucomatous visual field progression and intra-ocular pressure	Tomoko Naito(Okayama Univ)
P-108	Parameter of MRI on optic radiation and binocular visual field in glaucoma	Kazuko Omodaka(Tohoku Univ)
Glaucoma Medication		
P-109	Two-days measurement of diurnal IOP for developing therapeutic strategies	Eiji Murotani(Kanazawa Univ)
P-110	Assessment of changing antiglaucoma multi-therapy to fixed combination	Mari Ueki(Osaka Med Coll)
P-111	Efficacy of Cosopt after switching from timolol and dorzolamide	Izuru Sato (NTT East Sapporo Hosp)
P-112	Trough value of intraocular pressure with travoprost/timolol fixed combination	Katsuyoshi Suzuki (Yamaguchi Univ)
P-113	Efficacy of switching from latanoprost to bimatoprost or tafuprost in glaucoma	Takayuki Ohzeki (Iwate Med Univ)
P-114	Ocular Hypotensive Effect After Switching to the Fixed Combination Treatment	Kengo Ikesugi(Mie Univ)
P-115	Effect of travoprost on intraocular pressure in normal tension glaucoma	Shiro Mizoue(Ehime Univ)
P-116	IOP reduction of normal tension glaucoma by topical treatment	Toyoaki Tsumura(Fussa Hosp)
P-117	Comparative Study of Anti-glaucomatic agents between Yokukansan and Eppikayututo	Ritsuko Yamada (Yokohama City Univ)
P-118	Incidence of deepening of upper eyelid sulcus after use of topical PGs	Asako Tsuchisaka (Tokyo Med Univ)
P-119	Influence of Tafuprost lowered preservative concentration on the cornea	Takeshi Kumagami (Nagasaki Univ)
P-120	Effect of tafuprost on ocular surface disorders and intraocular pressure	Hideaki Yshino (Tokuyama Central Hosp)
P-121	A change of causes precluding patients' adherence of glaucoma medication	Hiroshi Kobayashi (Kanmon Med Ctr)
Glaucoma Surgery		
P-122	Clinical experience of MMC soaked collagen matrix implant in trabeculectomy	Jin Ho Yim (Ulsan Univ, South Korea)
P-123	Fundus changes with time after trabeculectomy in a young glaucoma patient.	Seiji Takagi(Toho Univ, Ohashi)
P-124	Comparing a remote and a conventional slitlamp in evaluating trabeculectomy eyes	Taku Ogura(Yamanashi Univ)
P-125	IOP reduction and the circumpapillary RNFL and macular GCC measurements by OCT	Masanori Yagasaki (Toho Univ, Ohashi)
P-126	The change of macular ganlion cell complex thickness after glaucoma operation	Teruyoshi Miyahara (Shinshu Univ)
P-127	Success Rate of Glaucoma surgery with/without cataract surgery for PE Glaucoma	Kanamoto Takashi (Hiroshima Univ)

April 6 (Fri)

Posters Exhibition Hall

No.	Title	Speaker (Affiliation)
Refraction Visual Function		
P-200	Relation between Cornea form and HOA in junior and senior high school students	Mika Tamura (Tohoku Bunka Gakuen Univ)
P-201	Prediction of corneal power change after pterygium excision	Sun woong Kim (Soonchunhyang Univ, Korea)
P-202	Changes in Central Corneal Thickness and Refractive Power After Surface Ablation	Sang Min Nam (CHA Univ, South Korea)
P-203	Surgically induced astigmatism of clear corneal on-axis incisions	Hideki Nakamura (Social Insurance of Chukyo Hosp)
P-204	Higher order aberrations after Implantation of pIOLs	Sungwook Choi (Busan Paik Hosp, Inje Univ, Korea)
P-205	The correlation between ocular higher order aberration and visual function	Eri Shibuya (Kanazawa Med Univ)
P-206	Exposure Duration in Color Visual Acuity Test	Sho Yokoyama (Social Insurance Chukyo Hosp)
P-207	Imaging properties of astigmatic eyes at near vision	Hiroshi Uozato (Kitasato Univ)
P-208	Relationship of Target Speed and Reaction Time Using Automated Kinetic Perimetry	Tomoyasu Kayazawa (Kinki Univ)
P-209	Effect of wearing multifocal soft contact lenses on visual field	Yuko Shibata (Kitasato Univ)
P-210	Analysis of visual functions in HIV-positive individuals	Norio Takeda (Nat Ctr for Global Health and Med)
P-211	Measurements of entrance pupil and actual pupil in the patients with keratoconus	Kyoko Haradome (Tokyo Med Univ)
Inflammation, Infection, Uveitis		
P-212	A novel Pax6 mutation in Chinese patients of congenital aniridia	Yan He (Beijing TongRen Hosp, Beijing TongRen Eye Ctr, Capital Med Univ, China)
P-213	Anti-retinal antibody in patients with remitted Vogt-Koyanagi-Harada disease	Hiroki Imai (Shinshu Univ)
P-214	ACE inhibitor masked enhanced serum ACE activity in a case of sarcoidosis	Mari Goto (Tokyo Women's Med Univ, Med Ctr East)
P-215	Clinical course of the cases tuberculo uveitis was suspected	Chieko Watanabe (Dokkyo Med Univ)
P-216	A case of diabetic retinopathy accompanied with cytomegalovirus retinitis	Kei Takayama (Nat Def Med Coll)
P-217	Study about efficacy of vitrectomy for uveitis	Teiko Saito (Osaka Koseinenkin Hosp)
P-218	Effect of Infliximab on TNF- α -Induced Alterations in HNPCEC	Hiroshi Yamada (Aichi Med Univ)
P-219	Association analysis of TLR2 in Japanese Vogt-Koyanagi-Harada disease	Ito Haruyasu (Yokohama City Univ)
P-220	Association analysis of TLR4 in Japanese Vogt-Koyanagi-Harada disease	Okui Shintaro (Yokohama City Univ)
P-221	The relation between Acanthamoeba castellanii and Legionella	Kenji Kawazoe (Nishikasai Inouye Eye Hosp)
P-222	Antimicrobial susceptibility of MR-CNS from the conjunctiva over 5-year period	Yoichiro Shinkai (Machida Hospital)
P-223	Ocular Penetration of 4 Fluoroquinolone Ophthalmic Solutions into Rabbit Eyes	Jae Lim Chung (Myung-Gok Eye Research Inst, Kim's Eye Hosp, Konyang Univ, South Korea)
P-224	Subfoveal choroidal thickness in normal eyes using 3 different OCT	Toshifumi Yamashita (Kagoshima Univ)
P-225	In vivo Confocal Microscopy of Early Ocular Surface Changes after Chemical Burn	Jun Xiang (Eye, Ear, Nose & Throat Hosp Fudan Univ, China)
P-226	In Vitro-Expanded CD4+CD25+Foxp3+ Tregs In Corneal Allograft Tolerance	Ying Jie (Beijing Tongren Eye Ctr, Capital Med Univ, China)
P-227	The infiltrating cells and cytokine levels in Aqueous humour of fungal keratitis	Yingnan Zhang (Beijing Tongren Eye Ctr, Beijing Tongren Hosp, Capital Med Univ, China)
Pathology, Pharmacology		
P-228	The influence of exposure interval against rat retinal light damage	Sachiko Kaidzu (Shimane Univ.)
P-229	Intraocular penetration of timolol and corneal epithelial disorder.	Masamichi Fukuda (Kanazawa Med Univ)
P-230	Effects of L-dopa & Ion Beam on Bcl-2 Gene in Human Cultured Retinal Endothelium	Kiyoshi Akeo (Akeo Eye Clinic)
P-231	The effect of chondroitin sulfate to the velocity of hyaluronan solution	Keigo Mizutani (Aichi Med Univ)
P-232	A role of Nox2-derived ROS in a mouse model of oxygen-induced retinopathy	Elsa Ching Chan (O'Brien Inst, Australia)

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Posters Exhibition Hall

No.	Title	Speaker (Affiliation)
Ocular Surface		
P-233	Involvement of microRNAs in pterygium pathogenesis	Wanwen Lan (Singapore Eye Research Inst, Singapore)
P-234	A case of large conjunctival tumor reconstructed by conjunctival autograft	Yoriko Takahashi (Kanazawa Med Univ)
P-235	Analysis of blink curves of Parkinson disease	Naoko Kimura (Kyoto Pref Univ)
Outer Ocular Area		
P-236	Ptosis Repair by Small Orbital Septum Incision in Asians with Dermatochalasis	Tae Yoon La (St. Vincent's Hosp, Coll of Medicine, The Catholic Univ of Korea, Korea)
P-237	A case of periorbital necrotising fasciitis leading to blindness	Tatsuya Chiba (Yamanashi Univ)
Tumor		
P-238	Inhibitory effects of Tolehalose for growth of Malignant Melanoma	Takashi Kudo (Hirosaki Univ)
P-239	Functional expression of co-signal molecules on human uveal melanoma	Yoshihiko Usui (Tokyo Med Univ)
P-240	2 cases of IgG4-related disease	Namie Kobayashi (Southern Tohoku Gen Hosp)
Visual Function, Electrophysiology		
P-241	Normal visual fields measured with two different microperimetry	Fusae Kajita (Chiba Univ)
P-242	A gene mutation in a Duchenne muscular dystrophy patient with abnormal ERG	Hisatomo Takahashi (Nippon Med Sch, Chiba Hokusou)
P-243	A case of voriconazole induced visual disturbances in aplastic anemia	Takeshi Horino (Keio Univ)
P-244	Measure of UVA and UVB exposure to eyes using UV manikin	Nobuyuki Fujita (Kanazawa Med Univ)
P-245	Surgical Adverse Outcomes in Patients with Blindness : A Population-based Study	Chien-Chang Liao (Dept of Anesthesiology, Taipei Med Univ Hosp, Taiwan)
P-246	Visual function of residents in a Elderly Care Nursing Facility	Hiroko Nakaizumi (Tohoku Bunka Gakuen Univ)

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