

Program | Friday, March 22

14:00-14:05

Room1

Opening Ceremony

14:05-15:10

Room1

Case Conference 1

Chairs: Mineo Kondo (Mie University, Japan)

Annabelle Ayame Okada (Kyorin University School of Medicine, Japan)

Hiroko Terasaki (Nagoya University, Institutes Innovation for Future Society, Japan)

Paolo Lanzetta (University of Udine, Italy)

Anita Agarwal (West Coast Retina & Vanderbilt Eye Institute, USA)

Lihteh Wu (Asociados de Macula, Vitreo y Retina de Costa Rica, Costa Rica)

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- CS-01** **A case of brolocizumab-associated retinal vascular occlusion with fluorescein angiography conducted just hours prior to the onset**
 14:05-14:09
 Sentaro Kusuhara
 Kobe University Graduate School of Medicine, Japan
- CS-02** **A case of bacterial endophthalmitis developed from an untreated scleral perforation wound for 58 years**
 14:09-14:13
 Yohei Tomita
 Keio University School of Medicine, Japan
- CS-03** **Photodynamic therapy for central serous chorioretinopathy**
 14:13-14:17
 Tomoko Consolvo-Ueda
 University of Toyama , Japan
- CS-04** **Taking care of the culprit**
 14:17-14:21
 Vishali Gupta
 Post Graduate Institute of Medical Education and Research, Chandigarh, India
- CS-05** **It shouldn't exist within the eye...**
 14:21-14:25
 Kazuichi Maruyama
 Graduate School of Medicine, Osaka University, Japan
- CS-06** **A case of diabetic retinopathy with abnormally high triglyceride levels**
 14:25-14:29
 Kanae Fukutsu
 Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan
- CS-07** **A case of macular neovascularization associated with peculiar choroidal circulation**
 14:29-14:33
 Hidetaka Matsumoto
 Gunma University Graduate School of Medicine, Japan
- CS-08** **Is this MEWDS?**
 14:33-14:37
 Mineo Kondo
 Mie University, Japan
- CS-09** **Two cases with Bietti crystalline dystrophy showing pseudodominant inheritance**
 14:37-14:41
 Yusuke Murakami
 Kyushu University, Japan

- CS-10** A case of bilateral large pigment epithelial detachment
14:41-14:45 Naoko Ueda
Kyoto University Graduate School of Medicine, Japan
- CS-11** Management of exudative retinal detachment after radiation for choroidal melanoma
14:45-14:52 Ivana Kim
Ocular Melanoma Center, Retina Service, Massachusetts Eye and Ear, Department of Ophthalmology, Harvard Medical School, USA
- CS-12** Bilateral progressive visual loss seen in a healthy young woman
14:52-14:56 Akitaka Tsujikawa
Kyoto University Graduate School of Medicine, Japan

15:15-16:25

Room1

Case Conference 2

Chairs: Makoto Inoue (Kyorin Eye Center, Kyorin University School of Medicine, Japan)
Hiroyuki Kondo (University of Occupational and Environmental Health, Japan)
Taiji Nagaoka (Asahikawa Medical University, Japan)
Eric Nudleman (Shiley Eye Institute, University of California, San Diego, USA)
Gavin Tan (Eye ACP, Duke-NUS Graduate Medical School; Singapore National Eye Centre, Singapore)
Peiquan Zhao (Xinhua Hospital affiliated to Shanghai Jiao Tong University School of Medicine, China)

- CS-13** Removal of sub-internal limiting membrane hemorrhage secondary to retinal arterial macroaneurysm rupture: internal limiting membrane non-peeling technique
15:15-15:19 Hisanori Imai
Kobe University Graduate School of Medicine, Japan
- CS-14** Inverted ILM for submacular hemorrhage and Henle's fiber layer hemorrhage associated with ruptured retinal arterial macroaneurysm
15:19-15:23 Shuhei Kimura
Okayama University, Japan
- CS-15** Surgical management in dense submacular hemorrhage
15:23-15:30 José García-Arumí
Autonoma University of Barcelona, Spain
- CS-16** Subretinal fluid or hemorrhage management through laser-assisted extraocular drainage
15:30-15:34 Takatoshi Maeno
Osaka University Graduate School of Medicine, Japan
- CS-17** Epstein-barr virus acute retinal necrosis in a patient using janus kinase inhibitor
15:34-15:38 Wataru Matsumiya
Kobe University Graduate School of Medicine, Japan
- CS-18** Surgical treatment for CXLRS
15:38-15:42 Shunji Kusaka
Kindai University Faculty of Medicine, Japan
- CS-19** A case of epithelial downgrowth with anterior proliferative vitreoretinopathy after cataract surgery
15:42-15:46 Masaharu Mizuno
Kyorin Eye Center, Japan

- CS-20** Vitrectomy in the setting of cornea pathology and keratoprosthesis
 15:46-15:50 Gavin Tan
 Eye ACP, Duke-NUS Graduate Medical School; Singapore National Eye Centre, Singapore
- CS-21** Evaluation of corneal biomechanics after vitrectomy combined phacoemulsification
 15:50-15:54 Kazuhiro Kimura
 Yamaguchi University Graduate School of Medicine, Japan
- CS-22** A case of COVID-19 infection with cotton wool patches in acute macular neuroretinopathy and paracentral acute middle maculopathy
 15:54-15:58 Yu Wakatsuki
 Nihon University hospital, Japan
- CS-23** Macular hole retinal detachment in myelinated retinal nerve fiber and high myopia syndrome
 15:58-16:02 Ayumi Ouchi
 Juntendo University Urayasu Hospital, Japan
- CS-24** Autologous retinal transplantation for refractory macular hole and macular hole retinal detachment
 16:02-16:06 Ryuya Hashimoto
 Toho University Sakura Medical Center, Japan
- CS-25** Lens capsular flap transplantation for the management of refractory macular hole
 16:06-16:10 Hiroki Kaneko
 Nagoya University Graduate School of Medicine, Japan

16:30-18:00

Room1

Case Conference 3

- Chairs: Takeshi Iwase (Akita University Graduate School of Medicine, Japan)
 Kazuhiro Kimura (Yamaguchi University Graduate School of Medicine, Japan)
 Akito Hirakata (Kyorin Eye Center, Japan)
 Ivana Kim (Ocular Melanoma Center, Retina Service, Massachusetts Eye and Ear, Department of Ophthalmology, Harvard Medical School, USA)
 José García-Arumí (Autonoma University of Barcelona, Spain)
 Chi-Chun Lai (Chang Gung Memorial Hospital, Taiwan)

- CS-26** Amniotic membrane insertion and ILM covering assisted by the SPOT for optic disc pit maculopathy
 16:30-16:37 Chi-Chun Lai
 Chang Gung Memorial Hospital, Taiwan
- CS-27** Microperimetry guided inverted internal limiting membrane flap site selection to preserve retinal sensitivity in macular hole with glaucoma
 16:37-16:41 Ryo Matoba
 Okayama University, Japan
- CS-28** Macular retinoschisis with postoperative visual field defect
 16:41-16:45 Yoshimi Sugiura
 University of Tsukuba, Japan
- CS-29** Mysterious retinal whitening after ERM peeling
 16:45-16:49 Tomonari Takahashi
 Tokyo Medical and Dental University, Japan

- CS-30** Repair of globe rupture following MIRA gel removal in a high myopic eye
16:49-16:53 Kentaro Nishida
Osaka University, Japan
- CS-31** Mysterious moving intraocular foreign body
16:53-16:57 Norimitsu Ban
Keio University School of Medicine, Japan
- CS-32** Observation of postoperative proliferation in eyes treated for rhegmatogenous retinal detachment by wide-field OCT
16:57-17:01 Keijiro Ishikawa
Graduate School of Medical Sciences, Kyushu University, Japan
- CS-33** A case with retinal detachment at the posterior pole treated with embedding the retinal flap in the original retinal hole
17:01-17:05 Ryoh Funatsu, Hiroto Terasaki
Kagoshima University, Japan
- CS-34** Retinal detachment causing massive expulsive hemorrhage
17:05-17:09 Hiroko Terashima
Niigata University, Japan
- CS-35** Intraoperative optical coherence tomography observation with perfluorocarbon tamponade for subretinal membranes in proliferative vitreous retinopathy
17:09-17:13 Akihiko Shiraki
Osaka University, Japan
- CS-36** Un-explained visual loss following silicone oil removal
17:13-17:20 Lihteh Wu
Asociados de Macula, Vitreo y Retina de Costa Rica, Costa Rica
- CS-37** Extreme cases of pneumatic retinopathy
17:20-17:24 Kunihiro Akiyama
National Hospital Organization Tokyo Medical Center, Japan
- CS-38** Detecting retinal neovascularization with wide-field OCT angiography in eyes with proliferative diabetic retinopathy
17:24-17:28 Mizuki Hamada
Aichi Medical University, Japan
- CS-39** Central retinal artery occlusion followed by blunt trauma
17:28-17:32 Shin Tanaka
Yokohama City University, Japan
- CS-40** Cystectomy for macular edema with hyperreflective walls in foveal cystoid spaces
17:32-17:36 Tomoaki Murakami
Kyoto University, Japan
- CS-41** Application of iOCT in VR surgery
17:36-17:43 Vivek Dave
Anant Bajaj Retina Institute, LV Prasad Eye Institute, India
- CS-42** PVR in children: what to do and what to expect
17:43-17:50 Ehab El Rayes
Institute of Ophthalmology Cairo, Egypt

Program | Saturday, March 23

8:00-9:00

Room1

Asia Symposium

Chairs: Motohiro Kamei (Aichi Medical University, Japan)
 Yoshihiro Yonekawa (Wills Eye Hospital, USA)
 Adrienne Scott (Wilmer Eye Institute, Johns Hopkins University School of Medicine, USA)

- AS-01** Vitrectomy vs anti VEGF for diabetic retinopathy vitreous hemorrhage
 8:00-8:04 Referano Agustawan
 JEC Eye Hospitals & Clinics, Indonesia
- AS-02** Endoscopy in VR surgery
 8:04-8:08 Vivek Dave
 Anant Bajaj Retina Institute, LV Prasad Eye Institute, India
- AS-03** Use of anti-VEGF in PDR surgery
 8:08-8:12 Marie Joan Loy
 St. Luke's Medical Center, Philippines
- AS-04** Advances in management of retinal vascular tumors
 8:12-8:16 Duangnate Rojanaporn
 Ramathibodi Hospital, Mahidol University, Thailand
- AS-05** Final results of the longitudinal, non-interventional study of real-world outcomes for brolocizumab in wet age-related macular degeneration in Malaysia
 8:16-8:20 Mae-Lynn Bastion
 Universiti Kebangsaan Malaysia and UKM Medical Centre, Malaysia
- AS-06** Current management of polypoidal choroidal vasculopathy (PCV) in Vietnam
 8:20-8:24 Dat Dang Tran
 Vietnam National Eye Hospital, Vietnam
- AS-07** The 3-D structures of neovascular membranes of typical type 1 macular neovasculariaion and polypoidal chorodal vasculopathy
 8:24-8:28 Cheng-Kuo Cheng
 Shin Kong Wu Ho-Su Memorial Hospital/School of Medicine, Fu Jen Catholic University, Taiwan
- AS-08** A nightmare: surgical management of silicone band intrusion
 8:28-8:32 Hussain Khaqan
 Lahore General Hospital, Post Graduate Medical Institute, Ameer Ud Din Medical College, Lahore, Pakistan
- AS-09** Effect of ERM surgery for the patient with underlying glaucoma
 8:32-8:36 Kyu-Hyung Park
 Seoul National University Hospital, Korea
- AS-10** A novel technique for pediatric macular hole
 8:36-8:40 Peiquan Zhao
 Xinhua Hospital affiliated to Shanghai Jiao Tong University School of Medicine, China
- AS-11** Electroretinographic evaluation on endophthalmitis
 8:40-8:44 Kei Shinoda
 Saitama Medical University, Japan

AS-12 Surgery for the complications of FEVR

8:44-8:48

Gavin Tan

Eye ACP, Duke-NUS Graduate Medical School; Singapore National Eye Centre, Singapore

8:48-9:00

Discussion (AS-01-AS-12)**9:00-9:55****Room1****Scientific Paper Session (Medical) 1 AMD & Macular Diseases 1**

Chairs: Tomohiro Iida (Tokyo Women's Medical University, Japan)

Akitaka Tsujikawa (Kyoto University Graduate School of Medicine, Japan)

Demetrios Vavvas (MEE/Harvard Ophthalmology, USA)

M1-1 Homeostasis of the outer retina and its breakdown for age-related macular degeneration

9:00-9:05

Toshihide Kurihara

Keio University, Japan

M1-2 Relevance of drug dynamics in the treatment of neovascular AMD: from modeling and animal studies to clinical practice

9:05-9:12

Paolo Lanzetta

University of Udine, Italy

M1-3 Short term result of 1+treat and extend regimen in age-related macular degeneration

9:12-9:17

Akio Oishi

Nagasaki University, Japan

M1-4 Switching to faricimab in successfully managed age-related macular degeneration with prior aflibercept treatment

9:17-9:22

Kenji Yamashiro

Kochi Medical School, Kochi University, Japan

Discussion 1 (M1-1-M1-4)

9:22-9:26

M1-5 Importance of fluorescein angiography as a predictor of treatment response in patients with pachychoroid neovascularopathy

9:26-9:31

Maiko Inoue

Yokohama City University, Japan

M1-6 The role of Tie/Ang2 pathway in pachychoroid diseases

9:31-9:38

Timothy Y Y Lai

The Chinese University of Hong Kong, Hong Kong

M1-7 Polypoidal choroidal vasculopathy in different races

9:38-9:43

Fumi Gomi

Hyogo Medical University, Japan

M1-8 Critical review of newer drugs in AMD

9:43-9:50

Demetrios Vavvas

MEE/Harvard Ophthalmology, USA

Discussion 2 (M1-5-M1-8)

9:50-9:55

9:55-10:25
Room1

Scientific Paper Session (Surgical) 1 Macular Surgery 1

Chairs: Hitoshi Takagi (Kawasaki-Tama Eye Clinic, Japan)

Takayuki Baba (Chiba University, Japan)

Cheng-Kuo Cheng (Shin Kong Wu Ho-Su Memorial Hospital/School of Medicine, Fu Jen Catholic University, Taiwan)

- S1-1** **Management of recurrent large macular hole in highly myopic eyes**
 9:55-10:02 Chi-Chun Lai
 Chang Gung Memorial Hospital, Taiwan
- S1-2** **Quantitative evaluation of vitreous forceps characteristics**
 10:02-10:07 Takashi Koto
 Kyorin University, Japan
- S1-3** **Point-to-point correlation between retinal sensitivity and structural OCT**
 10:07-10:12 Takayuki Baba
 Chiba University, Japan
- S1-4** **Are you satisfied with the consensus definition for lamellar macular hole in 2020?**
 10:12-10:17 Yuki Morizane
 Okayama University, Japan
- 10:17-10:25 **Discussion (S1-1-S1-4)**

10:25-10:40
Room1

Coffee Break

10:40-11:15
Room1

Scientific Paper Session (Surgical) 2 Retinal Detachment

Chairs: Yuki Morizane (Okayama University, Japan)

Demetrios Vavvas (MEE/Harvard Ophthalmology, USA)

- S2-1** **ERGs in eyes filled with gas after vitrectomy**
 10:40-10:45 Shinji Ueno
 Hirosaki University, Japan
- S2-2** **Tips and tricks in PVR**
 10:45-10:52 José García-Arumí
 Autònoma University of Barcelona, Spain
- S2-3** **Surgical tips and outcomes of the office-based vitrectomy for proliferative vitreoretinopathy: vit/buckle or retinectomy**
 10:52-10:57 Yusuke Oshima
 Oshima Eye Clinic Group, Japan
- S2-4** **PVR pharmacotherapy ? An (im)possible task?**
 10:57-11:04 Demetrios Vavvas
 MEE/Harvard Ophthalmology, USA

S2-5 Yes or No? to combine scleral buckling with vitrectomy for juvenile retinal detachment

11:04-11:09 Shigeru Honda

Osaka Metropolitan University Graduate School of Medicine, Japan

11:09-11:15 **Discussion (S2-1-S2-5)****11:15-11:45****Room1****Panel Session (Medical) 1 How to treat this?**

Chairs: Fumi Gomi (Hyogo Medical University, Japan)

Paolo Lanzetta (University of Udine, Italy)

Panelists

Masahiko Shimura

Tokyo Medical University, Hachioji Medical Center, Japan

Tomoko Consolvo-Ueda

University of Toyama, Japan

Hidetaka Matsumoto

Gunma University Graduate School of Medicine, Japan

Yoko Fukushima

Osaka University Graduate School of Medicine, Japan

Commentators

Timothy Y Y Lai

The Chinese University of Hong Kong, Hong Kong

Ivana Kim

Ocular Melanoma Center, Retina Service, Massachusetts Eye and Ear, Department of Ophthalmology, Harvard Medical School, USA

Yoshihiro Yonekawa

Wills Eye Hospital, USA

11:55-12:55**Room1****Luncheon Seminar 1 The Latest Therapeutic Strategy for DME**

Chair: Taiji Sakamoto (Kagoshima University, Japan)

Speakers Exploring the true value of VABYSMO in the management of diabetic macular edema

Sentaro Kusuhara

Kobe University Graduate School of Medicine, Japan

New advances in DME treatment by Dual pathway

Adrienne Williams Scott

Johns Hopkins School of Medicine, USA

Sponsor: Chugai Pharmaceutical Co., Ltd.

11:55-12:55

Room2

Luncheon Seminar 2 The Future of Visualization in Vitreous Surgery

Chair: Motohiro Kamei (Aichi Medical University, Japan)

Speakers Beyond 3D Surgery: NGENUITY Empowers Your Surgery

Kotaro Tsuboi

Aichi Medical University, Japan

My experience of 27G HYPERVIT

Ryuya Hashimoto

Toho University Sakura Medical Center, Japan

Why 3D Surgery? It's time to embrace it as the new visualization tool!

Hisanori Imai

Kobe University Graduate School of Medicine, Japan

Sponsor: Alcon Japan Ltd

13:05-13:45

Room1

Scientific Paper Session (Medical) 2 Imaging

Chairs: Yoshinori Mitamura (Tokushima University, Japan)

Yuichiro Ogura (Nagoya City University, Japan)

Paolo Lanzetta (University of Udine, Italy)

M2-1 Choriocapillaris imaging by averaging multiple en face OCTA images

13:05-13:10 Sotaro Ooto

Kyoto University Graduate School of Medicine, Japan

M2-2 Utility of ultra-widefield imaging in retinal diseases

13:10-13:17 Adrienne Scott

Wilmer Eye Institute, Johns Hopkins University School of Medicine, USA

13:17-13:20 Discussion 1 (M2-1-M2-2)

M2-3 Imaging differences of placoid disorders

13:20-13:27 Anita Agarwal

West Coast Retina & Vanderbilt Eye Institute, USA

M2-4 Imaging macular dystrophies

13:27-13:34 Anita Agarwal

West Coast Retina & Vanderbilt Eye Institute, USA

M2-5 Multimodal imaging in macular telangiectasia 2

13:34-13:41 Lihteh Wu

Asociados de Macula, Vitreo y Retina de Costa Rica, Costa Rica

13:41-13:45 Discussion 2 (M2-3-M2-5)

13:45-14:35

Room1

Scientific Paper Session (Medical) 3 DR & Vascular Disease

Chairs: Susumu Ishida (Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan)
 Shigeo Yoshida (Kurume University, Japan)
 Patricia Udaondo (Hospital Universitario y Politecnico La Fe and Aiken Clinic, Spain)

M3-1 Microaneurysms in the treatment of DME

13:45-13:50 Shigeo Yoshida
 Kurume University, Japan

M3-2 Quantitative evaluation of fundus autofluorescence in laser photocoagulation scars for diabetic retinopathy: conventional vs. short-pulse laser

13:50-13:55 Miho Nozaki
 Nagoya City University East Medical Center, Japan

M3-3 Peripapillary circulatory dysfunction precedes structural loss in treatment-naïve diabetic retinopathy

13:55-14:00 Susumu Ishida
 Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan

M3-4 Biomarkers of vascular stability and inflammation with faricimab in phase 3 trials

14:00-14:07 Patricia Udaondo
 Hospital Universitario y Politecnico La Fe and Aiken Clinic, Spain

14:07-14:13 **Discussion 1 (M3-1-M3-4)**

M3-5 High retinal venous pressure diseases

14:13-14:18 Teruyo Kida
 Osaka Medical and Pharmaceutical University, Japan

M3-6 Laser-speckle flow-graphy in retinal vascular diseases

14:18-14:23 Kiyoshi Suzuma
 Kagawa University, Japan

M3-7 Proliferative sickle cell retinopathy: management update

14:23-14:30 Adrienne Scott
 Wilmer Eye Institute, Johns Hopkins University School of Medicine, USA

14:30-14:35 **Discussion 2 (M3-5-M3-7)**

14:35-15:10

Room1

Scientific Paper Session (Surgical) 3 Diabetic Retinopathy

Chairs: Kiyoshi Suzuma (Kagawa University, Japan)
 Shigeo Yoshida (Kurume University, Japan)
 Tarek S. Hassan (Oakland University William Beaumont School of Medicine, USA)

S3-1 Dynamic changes of aqueous angiopoietin-1 and -2 after 3 continuous injections of anti-VEGF therapy in diabetic macular edema

14:35-14:40 Masahiko Shimura
 Tokyo Medical University, Hachioji Medical Center, Japan

- S3-2** Heterotypic mononuclear phagocytes differentially contribute to retinal ischemia and neovascularization in diabetic retinopathy
 14:40-14:45 Shintaro Nakao
 Juntendo University School of Medicine, Japan
- S3-3** Multicentre study of biomarkers of response to intravitreal therapy in diabetic macular edema
 14:45-14:52 Patricia Udaondo
 Hospital Universitario y Politecnico La Fe and Aiken Clinic, Spain
- S3-4** Macular edema after phacovitrectomy for epiretinal membrane
 14:52-14:57 Yasuki Ito
 Fujita Health University, Japan
- S3-5** Effect of pregnancy on progression of diabetic retinopathy
 14:57-15:02 Masahiko Sugimoto
 Faculty of Medicine, Yamagata University, Japan
- 15:02-15:10 **Discussion (S3-1-S3-5)**

15:10-15:25

Room1

Coffee Break

15:25-16:10

Room1

Scientific Paper Session (Surgical) 4 Endophthalmitis & Ocular Oncology

Chairs: Atsushi Hayashi (University of Toyama, Japan)
 Yuji Inoue (Teikyo University, Japan)
 Kyu-Hyung Park (Seoul National University Hospital, Korea)

- S4-1** Endoresection for Choroidal Melanomas
 15:25-15:32 Gavin Tan
 Eye ACP, Duke-NUS Graduate Medical School; Singapore National Eye Centre, Singapore
- S4-2** Clinical factors, treatment selection, and outcomes in postcataract fungal endophthalmitis from contaminated viscoelastics
 15:32-15:39 Kyu-Hyung Park
 Seoul National University Hospital, Korea
- S4-3** Improving visual outcomes of treatment for choroidal melanoma
 15:39-15:46 Ivana Kim
 Ocular Melanoma Center, Retina Service, Massachusetts Eye and Ear, Department of Ophthalmology, Harvard Medical School, USA
- S4-4** Treatment of endophthalmitis with 1.25% povidone-iodine intravitreal injection and low-concentration antimicrobial-containing irrigation solution
 15:46-15:51 Hiroyuki Nakashizuka
 Nihon University hospital, Japan
- S4-5** Acute retinal necrosis: an assessment of vitreous and retinal detachment
 15:51-15:56 Hideo Akiyama
 Gunma University Graduate School of Medicine, Japan

S4-6 PPV for acute retinal necrosis: the dos and don'ts guide

15:56-16:03 Vishali Gupta

Post Graduate Institute of Medical Education and Research, Chandigarh, India

16:03-16:10 **Discussion (S4-1-S4-6)****16:10-17:10****Room1****Retinaws**

Organizer: Kourous Rezaei (Illinois Retina Associates, Rush University Medical Center, USA)

Panelists

Kazuaki Kadonosono

Yokohama City University, Japan

Hiroko Terashima

Niigata University, Japan

Makoto Inoue

Kyorin Eye Center, Kyorin University School of Medicine, Japan

Motohiro Kamei

Aichi Medical University, Japan

Yoshihiro Yonekawa

Wills Eye Hospital, USA

Yuki Morizane

Okayama University, Japan

Ramin Tadayoni

Université Paris Cité, France

Shintaro Nakao

Juntendo University School of Medicine, Japan

José García-Arumí

Autonoma University of Barcelona, Spain

Ehab El Rayes

Institute of Ophthalmology Cairo, Egypt

Poster Presentation

Chairs: Fumi Gomi (Hyogo Medical University, Japan)
 Makoto Inoue (Kyorin Eye Center, Kyorin University School of Medicine, Japan)

- 1(P-56)** **Voxelized 3D choroidal neovascularization quantification in age-related macular degeneration**
 17:15-17:18
 Travel grant recipients Tsai-Chu Yeh
 Taipei Veterans General Hospital, Taiwan
- 2(P-54)** **Systemic dyslipidemia in age-related macular degeneration: an updated meta-analysis**
 17:18-17:21
 Travel grant recipients Jonathan B. Lin
 Harvard Medical School & Mass Eye and Ear, USA
- 3(P-53)** **Influence of carotid endarterectomy on choroidal and choriocapillaris perfusion (INFLATE) study**
 17:21-17:24
 Travel grant recipients Sandy Wenting Zhou
 Department of Ophthalmology, Tan Tock Seng Hospital, National Health Group Eye Institute, Singapore
- 4(P-31)** **Genome-wide meta and gene ontology analysis for high myopia**
 17:24-17:27
 Best Poster Awards Kazuya Morino
 Kyoto University, Japan
- 5(P-08)** **Evaluation of the usefulness of gelatin hydrolysate in human iPS-RPE cell suspension transplantation**
 17:27-17:30
 Best Poster Awards Shohei Kitahata
 Department of Ophthalmology and Micro-technology, Yokohama City University, Japan
- 6(P-10)** **Exploring initial degenerative processes in the retinal pigment epithelium for dry AMD**
 17:30-17:33
 Best Poster Awards So Goto
 Osaka University, Japan
- 7(P-58)** **Subclinical responses after intravitreal injection of different anti-VEGF agents for neovascular AMD**
 17:33-17:36
 Best Poster Awards Hisashi Matsubara
 Mie University, Japan
- 8(P-69)** **A novel trocar insertion into the pars plana facilitated by an intraocular endoscope-holding robot**
 17:36-17:39
 Best Poster Awards Kenta Ashikaga
 Department of Ophthalmology, Juntendo University School of Medicine, Japan

17:45-18:15

Room3

Poster Session 1 Basic Medicine

- P-01** Cyclic stretch down-regulates expression of Ang-1 via reactive oxygen species in Müller cells
Junichiro Akimitsu
Department of Ophthalmology, Faculty of Medicine, Kagawa University, Japan
- P-02** Functional analysis of causative missense variants of FEVR genes using quadruple expression plasmid
Kazuma Oku
University of Occupational Environmental Health, Japan
- P-03** The protection from retinal degeneration by ATP enhancement in eye
Miki Hiraoka
Health Sciences University of Hokkaido, Dept. Ophthalmol., Japan
- P-04** Intravitreal high concentration of fibrinogen induces retinal damage through ICAM-1 pathway
Yasuyuki Sotani
Kobe University, Japan
- P-05** Increased fluorescein transport by steroids is inhibited by a LAT1-specific inhibitor in RPE cells
Norihiko Misawa
Osaka Metropolitan University, Japan
- P-06** Transplantation of human iPS-RPE strip in primate eyes with or without RPE damage
Keisuke Kajita
Department of Ophthalmology, Institute of Biomedical Sciences, Tokushima University, Japan
- P-07** Maturation process of iPSC-RPE cells and its effect of restoring visual function in RCS-p+ rats
Hana Yamane
Regenerative pharmacology group, Regenerative & Cellular Medicine Kobe Center, Sumitomo Pharma Co., Ltd., Japan
- P-08*** Evaluation of the usefulness of gelatin hydrolysate in human iPS-RPE cell suspension transplantation
Shohei Kitahata
Department of Ophthalmology and Micro-technology, Yokohama City University, Japan
- P-09** Melanin content in retinal pigment epithelial cells alters upon exposure to hydroquinone
Takeyuki Nishiyama
Nara Medical University, Japan
- P-10*** Exploring initial degenerative processes in the retinal pigment epithelium for dry AMD
So Goto
Osaka University, Japan

17:45-18:15

Room3

Poster Session 2 Diagnosis/Examination

- P-11** Learning curve in posterior segment diagnostic endoscopy: implications for fellows-in-training
 Vivek Dave
 LV Prasad Eye Institute, India
- P-12** Utility of axial length measurements in RS-1 spectral domain optical coherence tomography
 Shinji Kakihara
 Shinshu University, Japan
- P-13** Flicker-induced retinal blood flow response in healthy subjects using laser speckle flowgraphy
 Junya Hanaguri
 Nihon University, Japan
- P-14** Multimodal multiscale retinal imaging with cellular-resolution OCT/OCTA
 Nicolas Chateau
 Imagine Eyes, Orsay, France
- P-15** Time coarse retinal circulation changes in eyes with central retinal artery occlusion
 Shin Tanaka
 Yokohama City University, Japan
- P-16** A case of cancer associated retinopathy developed during treatment of glaucoma
 Takeshi Iwase
 Akita University Hospital, Japan
- P-17** Observation of outer retina in multiple evanescent white dot syndrome using wide-angle en face OCT
 Nozomu Hashiya
 Tokyo Women's Medical University, Japan
- P-18** Widefield OCTA evaluation of retina in children with history of retinopathy of prematurity
 Tomo Nishi
 Nara Medical University, Japan
- P-19** Misalignment of center of FAZ and center of photoreceptors in eyes with history of ROP
 Ichiro Maruko
 Tokyo Women's Medical University, Japan

17:45-18:15

Room3

Poster Session 3 Retinal Detachment

- P-20** A case of vitrectomy for rhegmatogenous retinal detachment after treatment for retinoblastoma
 Hiromi Ohara
 Kyorin University, Japan

- P-21** Outcomes of pneumatic retinopexy for primary rhegmatogenous retinal detachment in a Japanese cohort
Hiroko Yamada
Kobe University, Japan
- P-22** Impact of drainage retinotomy on surgical outcomes of retinal detachment
Hisashi Fukuyama
Hyogo Medical University, Japan

17:45-18:15

Room3

Poster Session 4 Diabetic Retinopathy

- P-23** Investigation of the image-enhanced algorithm for diagnosing diabetic retinopathy severity
Jun Takeuchi
Kyorin University, Japan
- P-24** Withdrawn
- P-25** The role of protein S in impaired glucose tolerance associated with pregnancy
Masahiko Sugimoto
Department of Ophthalmology and Visual Science, Faculty of Medicine, Yamagata University, Japan
- P-26** Intravitreal brolocizumab injections for diabetic macular edema: a report of two cases
Kazunori Sato
Kurume University, Japan
- P-27** Intraocular inflammation after intravitreal brolocizumab injection for diabetic macular edema
Takao Hirano
Shinshu University, Japan
- P-28** Outcomes of vitrectomy for untreated proliferative diabetic retinopathy
Akihiro Kawai
Chiba University Faculty of Medicine, Japan

17:45-18:15

Room3

Poster Session 5 Retinal Vein Occlusion

- P-29** Systemic complications and management in collaborative care for retinal artery occlusion
Ayane Kamikawa
Kyushu University Department of Ophthalmology, Japan
- P-30** Withdrawn

17:45-18:15

Room3

Poster Session 6 Pathologic Myopia

- P-31*** Genome-wide meta and gene ontology analysis for high myopia
 Kazuya Morino
 Kyoto University, Japan
- P-32** The axial length elongation affects the amplitude of the electroretinogram in pseudophakic eyes
 Atsuhiko Tanikawa
 Fujita Health University Bantane Hospital, Japan

17:45-18:15

Room3

Poster Session 7 Macular Hole/Epiretinal Membrane

- P-33** Correlation of aniseikonia with retinal displacement, M-CHARTS, and stage in epiretinal membrane
 Shunichiro Takano
 Teikyo University School of Medicine, University Hospital Mizonokuchi, Japan
- P-34** Machine learning to predict surgical indications for ERM
 Tetsuro Morita
 Department of Ophthalmology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Japan
- P-35** Predicting postoperative VA in ERM patients and analyzing variables using machine learning
 Akiko Irie-Ota
 Mie University, Japan
- P-36** Effectiveness of elliptic fourier analysis in retinal shape evaluation
 Sugao Miyagi
 Nagasaki University, Japan
- P-37** Staged versus combined surgical approach for cataract and epiretinal membrane
 Ning Cheung
 Singapore National Eye Centre, Singapore
- P-38** Concurrent full thickness macular hole and macular retinal tear after intravitreal injection
 Jacob Yuhang Chin
 Department of Ophthalmology and Micro-Technology, Yokohama City University, Japan
- P-39** Process of MH closure after vitrectomy with modified inverted ILM flap technique for large MH
 Tomoya Uchida
 Fujita Health University Hospital, Japan
- P-40** Aniseikonia and retinal morphological changes in eyes undergoing macular hole surgery
 Asuka Takeyama
 Toho University Ohashi Medical Center, Japan

- P-41** The clinical outcome of tractional lamellar macular hole treated by pars plana vitrectomy
Xien Lu
Kyorin University Hospital, Japan
- P-42** Development of secondary ERM after vitrectomy to treat MH using hemi-inverted ILM flap technique
Yoko Mase
Mie University, Japan
- P-43** Three-year outcomes after idiopathic epiretinal membrane surgery
Ryo Kamide
Toyama University Hospital, Japan

17:45-18:15

Room3

Poster Session 8 Macular Edema

- P-44** Withdrawn
- P-45** Faricimab for refractory diabetic macular edema in a vitrectomized eye
Naoto Sato
Suzuki Eye Group, Japan

17:45-18:15

Room3

Poster Session 9 Central Serous Chorioretinopathy

- P-46** Retinal pigment epithelial disturbances in acute-phase central serous chorioretinopathy
Chika Tanabe-Hatakeyama
Kyorin University, Japan
- P-47** Pigment epithelial detachment and leak point locations in central serous chorioretinopathy
Takahiro Kogo
Kyoto University, Japan
- P-48** Reduced-irradiance and reduced-time photodynamic therapy for central serous chorioretinopathy
Koichi Yokoi
Department of Ophthalmology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan
- P-49** The choroidal thickness change by photodynamic therapy for central serous chorioretinopathy eyes
Yusuke Maehara
Kyushu University, Japan
- P-50** Analyzing vision loss after photodynamic therapy for central serous chorioretinopathy
Taichi Yonemitsu
Kagoshima University, Japan
- P-51** Giant RPE tear following PDT for bullous variant central serous chorioretinopathy
Eri Kimura
Tokyo Medical University, Ibaraki Medical Center, Japan

Poster Session 10 Age-related Macular Degeneration

- P-52** High resolution multimodal retinal imaging using adaptive optics and transscleral flood illumination
 Kiyoko Gocho
 CHNO des Quinze-Vingts, INSERM-DGOS CIC 1423, France
- P-53*** Influence of carotid endarterectomy on choroidal and choriocapillaris perfusion (INFLATE) study
 Sandy Wenting Zhou
 Department of Ophthalmology, Tan Tock Seng Hospital, National Health Group Eye Institute, Singapore
- P-54*** Systemic dyslipidemia in age-related macular degeneration: an updated meta-analysis
 Jonathan B. Lin
 Harvard Medical School & Mass Eye and Ear, USA
- P-55** Withdrawn
- P-56*** Voxelized 3D choroidal neovascularization quantification in age-related macular degeneration
 Tsai-Chu Yeh
 Taipei Veterans General Hospital, Taiwan
- P-57** Hyperreflective foci and subretinal fibrosis in neovascular age-related macular degeneration
 Yuta Nakanishi
 Kyoto University, Japan
- P-58*** Subclinical responses after intravitreal injection of different anti-VEGF agents for neovascular AMD
 Hisashi Matsubara
 Mie University, Japan
- P-59** Investigation of early vascular structural changes in MNV after IVF and IVA by OCTA
 Shinichiro Chujo
 Mie University, Japan
- P-60** Changes in blood flow one year after treatment with aflibercept or brolocizumab for nAMD
 Takeyasu Yamada
 Kagawa University, Japan
- P-61** Changes in cytokine concentrations of age-related macular degeneration after Faricimab therapy
 Hikaru Ota
 Nagoya University, Japan
- P-62** Improvement in metamorphopsia following intravitreal brolocizumab for pigment epithelial detachment
 Sheng Chu Chi
 Taipei Veterans General Hospital, Taiwan

- P-63** Photodynamic therapy combined with anti-angiogenic injection for polypoidal choroidopathy
Ting-Han Lin
School of Medicine, College of Medicine, Taipei Medical University, Taiwan
- P-64** Evaluating photodynamic therapy versus brolocizumab as a second-line therapy for PCV
Ryoh Funatsu
Kagoshima University, Japan
- P-65** Reticular pseudodrusen in Japanese patients with geographic atrophy; multicenter study
Naoko Ueda-Arakawa
Kyoto University Graduate School of Medicine, Japan
- P-66** Optical coherence tomography angiography in macular telangiectasia type 3
Mizuha Kakehashi
Tokyo Women's Medical University, Japan

17:45-18:15

Room3

Poster Session 11 Retinal Dystrophies

- P-67** Phenotype variability of RP1-related inherited retinal dystrophy in Japanese population
Keigo Natsume
Nagoya University, Japan
- P-68** A novel compound heterozygous PEX1 variant in Heimler syndrome
Xiaohe Yan
Shenzhen Eye Hospital, China

17:45-18:15

Room3

Poster Session 12 Surgery

- P-69*** A novel trocar insertion into the pars plana facilitated by an intraocular endoscope-holding robot
Kenta Ashikaga
Department of Ophthalmology, Juntendo University School of Medicine, Japan
- P-70** Efficacy and safety of different forceps for internal limiting membrane peeling in macular diseases
Hsin Ho Chang
Department of Ophthalmology, Taipei Veterans General Hospital, Taiwan
- P-71** No optic pit retinoschisis (NOPIR) cases at Osaka University
Satoko Fujimoto
Osaka University Graduate School of Medicine, Japan
- P-72** Surgical outcome for degenerative lamellar macular hole
Akira Kanai
Kyorin University, Japan

- P-73** Changes in ACD for TECNIS Eyhance and 3-piece IOL after vitrectomy with air or gas replacement
Yuji Yoshikawa
Saitama Medical University, Japan
- P-74** Effect of Henle's fiber layer hemorrhage on sensitivity of retinal arterial macroaneurysm rupture
Riku Akatsuka
Okayama University, Japan
- P-75** Short-term outcomes of Ahmed glaucoma valve implantations performed by vitreoretinal surgeons
Masayo Kimura
Nagoya City University, Japan
- P-76** Intravitreal bevacizumab in posterior segment open globe injuries: a randomized controlled study
Vivek Dave
LV Prasad Eye Institute, India
- P-77** Safety and efficacy of bimanual phaco fragmentation for retained intravitreal lens fragments
Vivek Dave
LV Prasad Eye Institute, India
- P-78** Sutureless scleral fixatation of Carlevalle lenses with cyanoacrylate glue is safe and effective
Jared Ching
Bristol Eye Hospital, University Hospitals Bristol NHS Foundation Trust, UK
- P-79** A modified suturing technique to produce temporary scleral buckling for non-complex RRD
Zhaotian Zhang
State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center of Sun Yat-sen University, China
- P-80** A case of choroidal melanocytoma treated by transscleral resection: a clinicopathological study
Mizuho Mitamura
Hokkaido University, Japan
- P-81** Subretinal tissue plasminogen activator for the treatment of submacular hemorrhage
Ming Chieh Hsieh
The department of Ophthalmology, China Medical Hospital; The graduate institute of biomedical sciences, China Medical University, Taiwan
- P-82** Removal of subretinal strand without making intentional retinal hole: a case report
Sonoko Sakata
Juntendo Urayasu Hospital, Japan
- P-83** Inverted flap technique for a large macular hole in macular telangiectasia type 2: a case report
Momo Shimizu
Fujita Health University, Japan

17:45-18:15

Room3

Poster Session 13 Treatments other than surgery

- P-84** Intravitreal conbercept for diabetic macular edema and OCT angiography predictors of vision
Xinxiao Gao
Beijing Anzhen Hospital, China
- P-85** Outcomes of intravitreal ranibizumab for retinopathy of prematurity at Yamaguchi University Hospital
Manami Ohta
Department of Ophthalmology, Graduate school of Medicine, Yamaguchi University, Japan
- P-86** A case of metastatic choroidal tumor successfully treated with abemaciclib and anastrozole
Kosuke Sekido
Dept. of Ophthalmology, Fujita Health University, Japan
- P-87** A case of steroid-resistant optic neuritis treated with a single plasma exchange therapy
Hiroshi Iwasaki
Faculty of Medicine, Yamagata University, Japan

17:45-18:15

Room3

Poster Session 14 Other categories

- P-88** Genome-wide association study for refractive error imputed from fundus photographs via deep learning
Keina Sado
Department of Ophthalmology and Visual Sciences, Kyoto University Graduate School of Medicine, Japan
- P-89** The MOLES scoring system for melanocytic choroidal tumours can be used without tumour thickness
Jared Ching
Ocular Oncology Service, Moorfields Eye Hospital, UK
- P-90** Revisiting amiodarone associated ocular toxicity: a systematic review
Izzati Amayazifun Khalifa Farzana
Vitreoretina Research Unit, Department of Ophthalmology, Chulalongkorn University, Thailand
- P-91** Cytomegalovirus retinitis in a patient taking upadacitinib: a case report
Hiromasa Hirai
Nara Medical University, Japan
- P-92** A case of blurred vision leading to the diagnosis of infective endocarditis
Hiroaki Sato
Yamagata University, Japan
- P-93** A case of acute zonal occult outer retinopathy following COVID-19 infection
Masataka Hata
Department of Ophthalmology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan

- P-94** A case of traumatic SMH in a young man with a good visual prognosis after SF6 gas tamponade alone
Nanami Hata
Mie University, Japan
- P-95** Regress or progress: a case of adult retinopathy of prematurity
Joy Sheril Penilla Villaflor
University of Santo Tomas Hospital, Philippines

Program | Sunday, March 24

8:00-9:00

Room1

Morning Seminar 1 Latest insights on diagnosis and treatment for retinal diseases

Chair: Makoto Inoue (Kyorin University School of Medicine, Japan)

Speakers How can we utilize new imaging modalities to diagnose and treat diabetic retinopathy?

Kotaro Tsuboi

Aichi Medical University, Japan / Tsuboi Eye Center, Japan

How to utilize ocular blood flow data in the treatment and diagnosis of retina and vitreous disease

Ryuya Hashimoto

Toho University Sakura Medical Center, Japan

Sponsor: Senju Pharmaceutical Co.,Ltd.

8:00-9:00

Room2

Morning Seminar 2 Retinal Degeneration: Exploring the Potential for Treatment

Chair: Susumu Ishida (Department of Ophthalmology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan)

Speakers Unmet medical needs in retinal degeneration

Koji Nishiguchi

Department of Ophthalmology Nagoya University Graduate School of Medicine, Japan

Overview of near future therapy for retinal degeneration

Shigeru Honda

Department of Ophthalmology and Visual Sciences, Osaka Metropolitan University Graduate School of Medicine, Japan

Sponsor: Sumitomo Pharma Co., Ltd.

9:10-9:50

Room1

Scientific Paper Session (Medical) 4 AMD & Macular Diseases 2

Chairs: Keiko Kataoka (Kyorin University School of Medicine, Japan)

Hideki Koizumi (University of the Ryukyus, Japan)

Adrienne Scott (Wilmer Eye Institute, Johns Hopkins University School of Medicine, USA)

M4-1

9:10-9:15

Choriocapillaris flow imbalance and asymmetrically dilated choroidal vasculature in fellow eyes in age-related macular degeneration

Yoko Ozawa

Fujita Medical Innovation Center Tokyo & Eye Center, Fujita Health University, Haneda Clinic, Japan

M4-2

9:15-9:20

Characteristics of geographic atrophy in Asia

Yasuo Yanagi

Yokohama City University, Japan

- M4-3** Inhibition of pathologic macrophage activity ? The next frontier in the management of geographic atrophy associated with AMD
9:20-9:27 Tarek S. Hassan
Oakland University William Beaumont School of Medicine, USA
- 9:27-9:31 **Discussion 1 (M4-1-M4-3)**
- M4-4** Scleral thickness in simple versus complex central serous chorioretinopathy
9:31-9:36 Hideki Koizumi
University of the Ryukyus, Japan
- M4-5** Predictive factors of persistent subretinal fluid in acute-phase central serous chorioretinopathy
9:36-9:41 Keiko Kataoka
Kyorin University School of Medicine, Japan
- M4-6** Anti-VEGF therapy for macular serous retinal detachment in tilted disk syndrome
9:41-9:46 Yuji Inoue
Teikyo University, Japan
- 9:46-9:50 **Discussion 2 (M4-4-M4-6)**

9:50-10:45

Room1

Scientific Paper Session (Surgical) 5 Innovative Surgery

Chairs: Masahito Ohji (Shiga University of Medical Science, Japan)
Ehab El Rayes (Institute of Ophthalmology Cairo, Egypt)

- S5-1** Port delivery system (PDS): past, present, and future
9:50-9:57 Aleksandra Rachitskaya
Cleveland Clinic Cole Eye Institute, USA
- S5-2** Heads-up surgery prevents retinal slippage without silicone oil tamponade
9:57-10:02 Motohiro Kamei
Aichi Medical University, Japan
- S5-3** Image enhancement in 3D heads-up surgery
10:02-10:07 Makoto Inoue
Kyorin Eye Center, Kyorin University School of Medicine, Japan
- S5-4** Advancing the safety of vitreous surgery ? Inside the eye and out
10:07-10:14 Tarek S. Hassan
Oakland University William Beaumont School of Medicine, USA
- 10:14-10:18 **Discussion 1 (S5-1-S5-4)**
- S5-5** Adaptive optics in retinal detachment
10:18-10:25 Thomas J. Wolfensberger
The University of Lausanne, Switzerland
- S5-6** New technique to drain suprachoroidal fluid during vitrectomy
10:25-10:30 Takeshi Iwase
Akita University Graduate School of Medicine, Japan
- S5-7** First-in-human use of robotic Intraocular endoscopic holder in vitrectomy
10:30-10:35 Koh-Hei Sonoda
Graduate School of Medical Science, Kyushu University, Japan

S5-8 Novel treatment of diabetic retinopathy with fenofibrate nano-eyedrops

10:35-10:40 Taiji Nagaoka
Asahikawa Medical University, Japan

10:40-10:45 **Discussion 2 (S5-5-S5-8)**

10:45-11:00

Room1

Coffee Break

11:00-11:35

Room1

Scientific Paper Session (Surgical) 6 Pediatrics

Chairs: Shunji Kusaka (Kindai University Faculty of Medicine, Japan)
Aleksandra Rachitskaya (Cleveland Clinic Cole Eye Institute, USA)

S6-1 Long-term functional results following vitrectomy for stage 4A ROP

11:00-11:05 Shunji Kusaka
Kindai University Faculty of Medicine, Japan

S6-2 Persistent avascular retina in retinopathy of prematurity

11:05-11:12 Eric Nudleman
Shiley Eye Institute, University of California, San Diego, USA

S6-3 Multimodal retinal imaging in adults with history of prematurity

11:12-11:19 Aleksandra Rachitskaya
Cleveland Clinic Cole Eye Institute, USA

S6-4 Continuous oxygen saturation and risk of retinopathy of prematurity in a Japanese cohort

11:19-11:24 Yoko Fukushima
Osaka University Graduate School of Medicine, Japan

S6-5 Potential exacerbating effects of bevacizumab in vitreoretinal changes associated with coats disease

11:24-11:29 Hiroyuki Kondo
University of Occupational and Environmental Health, Japan

11:29-11:35 **Discussion (S6-1-S6-5)**

11:35-12:05

Room1

Panel Session (Surgical) Art of Surgery

Organizer: Kourous Rezaei (Illinois Retina Associates, Rush University Medical Center, USA)

Panelists

- Kazuaki Kadonosono
Yokohama City University, Japan
- Tarek S. Hassan
Oakland University William Beaumont School of Medicine, USA
- Takashi Koto
Kyorin University, Japan
- Aleksandra Rachitskaya
Cleveland Clinic Cole Eye Institute, USA
- Chi-Chun Lai
Chang Gung Memorial Hospital, Taiwan
- Patricia Udaondo
Hospital Universitario y Politecnico La Fe and Aiken Clinic, Spain
- Takayuki Baba
Chiba University, Japan

12:15-13:15

Room1

Luncheon Seminar 3 PCV & Pachychoroid Forum in FujiRetina

Chairs: Tomohiro Iida (Department of Ophthalmology, Tokyo Women's Medical University, Japan)
Fumi Gomi (Department of Ophthalmology, Hyogo Medical University, Japan)

Speakers PCV & Pachychoroid neovascularopathy in Japan

- Keiko Kataoka
Kyorin University School of Medicine, Japan
- Clinical trial updates and real world experience in the treatment of PCV and related diseases**
- Timothy Y Y Lai
The Chinese University of Hong Kong / 2010 Retina and Macula Centre, Hong Kong

Sponsor: Bayer Yakuhin, Ltd.

12:15-13:15

Room2

Luncheon Seminar 4 Clinical front line : What you can do now as a specialist

Chair: Taiji Sakamoto (Kagoshima University Graduate School of Medical and Dental Sciences, Japan)

Speakers DME actual treatment - What we learned from actual clinical practice

Takao Hirano

Shinshu University, Japan

Towards Sustained Vision Improvement: The Impact of Early Fluid Control

Yasuo Yanagi

Yokohama City University, Japan

Sponsor: Novartis Pharma K.K.

13:25-13:55

Room1

Scientific Paper Session (Surgical) 7 Gene Therapy

Chairs: Yasuhiro Ikeda (University of Miyazaki, Japan)

Kourous Rezaei (Illinois Retina Associates, Rush University Medical Center, USA)

- S7-1** Investigation of the initial lesion site in macular dystrophy by fundus autofluorescence imaging
13:25-13:30
Kazushige Tsunoda
National Institute of Sensory Organs, Tokyo Medical Center, Japan
- S7-2** Transplantation of genome edited retinal organoid sheets in primate eyes with focal retinal degeneration
13:30-13:35
Michiko Mandai
Kobe City Eye Hospital, Japan
- S7-3** Suprachoroidal drug and gene delivery
13:35-13:42
Ehab El Rayes
Institute of Ophthalmology Cairo, Egypt
- S7-4** Observation of iPSC derived RPE strips after transplantation using adaptive optics retinal camera
13:42-13:47
Michiko Mandai
Kobe City Eye Hospital, Japan
- 13:47-13:55 **Discussion (S7-1-S7-4)**

13:55-14:40

Room1

Scientific Paper Session (Surgical) 8 Macular Surgery 2

Chairs: Kazuaki Kadonosono (Yokohama City University, Japan)
Thomas J. Wolfensberger (The University of Lausanne, Switzerland)

- S8-1** Cellular and molecular mechanisms of retinal fibrosis
13:55-14:02 Eric Nudleman
Shiley Eye Institute, University of California, San Diego, USA
- S8-2** Rotational internal limiting membrane flap technique to promote foveal regeneration in macular hole repair
14:02-14:09 Peiquan Zhao
Xinhua Hospital affiliated to Shanghai Jiao Tong University School of Medicine, China
- S8-3** Predictors of postoperative macular morphology and vision in eyes with idiopathic macular hole
14:09-14:14 Takeshi Iwase
Akita University Graduate School of Medicine, Japan
- S8-4** Suprachoroidal triamcinolone for postoperative macular edema in vitrectomized eyes
14:14-14:21 Yoshihiro Yonekawa
Wills Eye Hospital, USA
- S8-5** Is there a role of the choroid in retinal detachment?
14:21-14:28 Thomas J. Wolfensberger
The University of Lausanne, Switzerland
- S8-6** Postoperative epiretinal membrane formation after fovea-sparing vs. standard ILM peeling for myopic traction maculopathy
14:28-14:33 Taku Wakabayashi
Wakabayashi Eye Clinic, Japan
- 14:33-14:40 **Discussion (S8-1-S8-6)**

14:40-14:55

Room1

Coffee Break

14:55-15:25

Room1

Panel Session (Medical) 2 What is the diagnosis?

Chairs: Susumu Ishida (Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan)
Carol Cheung (The Chinese University of Hong Kong, Hong Kong)

Panelists

Kazushige Tsunoda
National Institute of Sensory Organs, Tokyo Medical Center, Japan

Kazuichi Maruyama
Graduate School of Medicine, Osaka University, Japan

Sentaro Kusuhara
Kobe University Graduate School of Medicine, Japan

Shinji Ueno
Hirosaki University, Japan

Commentators

Ramin Tadayoni
Université Paris Cité, France

Patricia Udaondo
Hospital Universitario y Politecnico La Fe and Aiken Clinic, Spain

Vishali Gupta
Post Graduate Institute of Medical Education and Research, Chandigarh, India

15:25-16:05

Room1

Scientific Paper Session (Medical) 5 AI

Chairs: Kyoko Ohno-Matsui (Tokyo Medical and Dental University, Japan)
Toshinori Murata (Shinshu University, Japan)
Carol Cheung (The Chinese University of Hong Kong, Hong Kong)

- M5-1** OCT-angiography based AI-inferred fluorescein angiography for retinal vascular diseases
15:25-15:30
Toshinori Murata
Shinshu University, Japan
- M5-2** AI in diabetic macular edema
15:30-15:37
Carol Cheung
The Chinese University of Hong Kong, Hong Kong
- M5-3** Deep learning for diabetic retinal disease: what is new?
15:37-15:44
Carol Cheung
The Chinese University of Hong Kong, Hong Kong
- 15:44-15:49 **Discussion 1 (M5-1-M5-3)**

- M5-4** Faricimab in neovascular ped: early effects and AI based analysis
 15:49-15:56 Paolo Lanzetta
 University of Udine, Italy
- M5-5** Polarization-sensitive OCT for myopia and dome-shaped macula
 15:56-16:01 Kyoko Ohno-Matsui
 Tokyo Medical and Dental University, Japan
- 16:01-16:05 **Discussion 2 (M5-4-M5-5)**

16:05-16:35

Room1

Scientific Paper Session (Medical) 6 Uveitis & IRD

Chairs: Yasuhiro Ikeda (University of Miyazaki, Japan)
 Koh-Hei Sonoda (Graduate School of Medical Science, Kyushu University, Japan)
 Vishali Gupta (Post Graduate Institute of Medical Education and Research, Chandigarh, India)

- M6-1** COVID-19 vaccination related intraocular inflammation
 16:05-16:10 Annabelle Ayame Okada
 Kyorin University School of Medicine, Japan
- M6-2** Decoding infections: unveiling OCT biomarkers for infectious posterior uveitis
 16:10-16:17 Vishali Gupta
 Post Graduate Institute of Medical Education and Research, Chandigarh, India
- M6-3** Long-read sequencing for retinitis pigmentosa
 16:17-16:22 Masato Akiyama
 Kyushu University, Japan
- M6-4** Longitudinal multimodal imaging and functional analysis of autoimmune uveitis characteristics in the DBA/2J animal model
 16:22-16:29 Joo Yong Lee
 Asan Medical Center, University of Ulsan, College of Medicine, Korea
- 16:29-16:35 **Discussion (M6-1-M6-4)**

16:35-16:40

Room1

Closing Ceremony

