



Program | Saturday, April 23

7:50-8:00 Room 1

Opening

8:00-9:10 Room 1

Science session (Surgical) 1 Innovative technologies

Chairs: Allen C Ho (Willis Eye Hospital / Thomas Jefferson University, USA)
Yuichiro Ogura (Nagoya City University Graduate School of Medical Sciences, Japan)

S1-1 Nanovitreoretinal approaches to retinal diseases

8:00-8:07 Tamer H Mahmoud
Oakland University, William Beaumont School of Medicine, Associated Retinal Consultants, USA

S1-2 The effect of cystotomy for treatment refractory diabetic macular edema

8:07-8:14 Hisanori Imai
Kobe University Graduate School of Medicine, Japan

S1-3 Refractive Shift After Buckling for Detachment in Eyes with Multifocal Intraocular Lenses

8:14-8:21 Jayanth Sridhar
Bascom Palmer Eye Institute, USA

S1-1–S1-3 Discussion 1

8:21-8:30

S1-4 An Update on 3D and Intraoperative OCT in Retinal Surgery

8:30-8:37 Lejla Vajzovic
Duke University Eye Center, USA

S1-5 Idiopathic Vitreomacular Traction: Anatomic Clinical Course Following Initial Observation

8:37-8:44 Jayanth Sridhar
Bascom Palmer Eye Institute, USA

S1-6 Measuring the color gamut of a monitor for HUS surgery

8:44-8:51 Takashi Koto
Kyorin University School of Medicine, Japan

S1-7 Comparison of Suprachoroidal and IVT Injection Flow Mechanics Analyzed via Multimodal Imaging

8:51-8:58 Allen C Ho
Willis Eye Hospital, USA / Thomas Jefferson University, USA

S1-4–S1-7 Discussion 2

8:58-9:10

9:10-10:20

Room 1

Science session (Medical) 1 AMD

Chairs: Gemmy Cheung (Singapore National Eye Center, Singapore)
Annabelle Ayame Okada (Kyorin University School of Medicine, Japan)

- M1-1** **Patterns of Choroidal Venous Insufficiency Influencing Pachychoroid Disease**
9:10-9:17 K Bailey Freund
Vitreous Retina Macula Consultants of New York / NYU Grossman School of Medicine, USA
- M1-2** **Hyperreflective Material in Patients with Nonneovascular Pachychoroid Disease**
9:17-9:24 Maiko Inoue
Yokohama City University Medical Center, Japan
- M1-3** **Prevalence of PCV in Different Ethnic Populations and Anti-VEGF resistance**
9:24-9:31 Gregg T Kokame
University of Hawaii School of Medicine, USA / Retina Consultants of Hawaii, USA
- M1-1–M1-3 Discussion 1**
9:31-9:40
- M1-4** **New Imaging Findings from High-Res OCT**
9:40-9:47 K Bailey Freund
Vitreous Retina Macula Consultants of New York / NYU Grossman School of Medicine, USA
- M1-5** **Laser Treatment for Drusenoid Pigment Epithelial Detachment in Age-Related Macular Degeneration**
9:47-9:54 Kyu-Hyung Park
Seoul National University Bundang Hospital, Korea / Seoul National University College of Medicine, Korea
- M1-6** **Impact of lipid metabolism in age-related macular degeneration**
9:54-10:01 Yoko Ozawa
St. Luke's International University, Japan / St. Luke's International Hospital, Japan / Keio University School of Medicine, Japan
- M1-7** **Subretinal Delivery of RGX-314 for Neovascular AMD: End of Study Phase I/IIa Results**
10:01-10:08 Allen C Ho
Willis Eye Hospital, USA / Thomas Jefferson University, USA
- M1-4–M1-7 Discussion 2**
10:08-10:20

10:20-10:35

Coffee break



10:35-11:10

Room 1

Panel discussion (Surgical) 1 How to repair the retina

Chairs: Yoshihiro Yonekawa (Wills Eye Hospital, Thomas Jefferson University, USA)
Kazuaki Kadonosono (Yokohama City University, Japan)

Panelists

- Allen C Ho (Willis Eye Hospital / Thomas Jefferson University, USA)
- Takeshi Iwase (Akita University, Japan)
- Motohiro Kamei (Aichi Medical University, Japan)
- Tamer H Mahmoud (Oakland University, William Beaumont School of Medicine, Associated Retinal Consultants, USA)
- Shwu-Jiuan Sheu (Kaohsiung Medical University, Taiwan)
- Jayanth Sridhar (Bascom Palmer Eye Institute, USA)

11:10-12:00

Room 1

Science session (Surgical) 2 New surgical technique

Chairs: Kyu-Hyung Park (Seoul National University College of Medicine, Korea)
Koh-Hei Sonoda (Kyushu University, Japan)

- S2-1** Tailored internal limiting membrane flap technique for primary macular hole
11:10-11:17 Shwu-Jiuan Sheu
Kaohsiung Medical University, Taiwan
- S2-2** Autologous retinal transplant (ART) for macular holes. Managing surgical complications
11:17-11:24 Tamer H Mahmoud
Oakland University, William Beaumont School of Medicine, Associated Retinal Consultants, USA
- S2-1–S2-2** Discussion 1
11:24-11:30
- S2-3** Novel surgical technique to remove subfoveally retained perfluorocarbon liquid
11:30-11:37 Yuki Morizane
Okayama University, Japan
- S2-4** Scleral Fixated IOLs - long term stability of fixation sutures
11:37-11:44 Gregg T Kokame
University of Hawaii School of Medicine, USA /Retina Consultants of Hawaii, USA
- S2-5** Practical application of intraoperative OCT as a guidance for vitreoretinal surgeries
11:44-11:51 Makoto Inoue
Kyorin University, Japan
- S2-3–S2-5** Discussion 2
11:51-12:00

Program Day 1

12:00-12:55

Room 1

Surgical - Medical Asian retina

Chairs: Shwu-Juan Sheu (Kaohsiung Medical University, Taiwan)
Mihori Kita (National Hospital Organization Kyoto Medical Center, Japan)

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- 12:00-12:06 **Real-Time Screening for DR Using Deep Learning, Is it Ready for the Real World?**
Paisan Ruamviboonsuk
Rajavithi Hospital, College of Medicine, Rangsit University, Thailand
- 12:06-12:12 **How to treat ocular inflammation?**
De-Kuang Hwang
Taipei Veterans General Hospital, Taiwan
- 12:12-12:18 **3D vitreoretinal surgery**
Mihori Kita
National Hospital Organization Kyoto Medical Center, Japan
- 12:18-12:24 **How to enhance studying abroad**
Tomoaki Murakami
Kyoto University, Japan
- 12:24-12:30 **Diabetic macular edema**
Masahiko Shimura
Tokyo Medical University Hachioji Medical Center, Japan
- 12:30-12:36 **25G-chandelier endoscopy assisted vitrectomy for the treatment of pars plicata breaks**
Ryuichi Ideta, Sumiyoshi Tanaka
Ideta Heisei retina consultants, Japan
- 12:36-12:42 **27-gauge vitrectomy for uveitis-associated vitreoretinal disorders**
Sentaro Kusuhara
Kobe University Graduate School of Medicine, Japan
- 12:42-12:48 **Diagnosis and Treatment of Inherited Retinal Diseases**
Yusuke Murakami
Kyushu University, Japan
- 12:48-12:54 **ILM peeling in retinal detachment: when and why?**
Kunihiko Akiyama
National Hospital Organization, Tokyo Medical Center, Japan

13:05-14:05

Room 1

Luncheon seminar 1 New Therapeutic Strategy for wAMD & DME

Chair: Taiji Sakamoto (Kagoshima University, Japan)

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- Speaker** **New Therapeutic Strategy for wet Age-related Macular Degeneration**
Susumu Ishida
Hokkaido University, Japan
- Speaker** **New Therapeutic Strategy for Diabetic Macular Edema**
Toshinori Murata
Shinshu University, Japan

Sponsor: Chugai Pharmaceutical Co., Ltd.



13:05-14:05

Room 2

Luncheon seminar 2 Vitreous Surgery Strategies

Chairs: Kazuaki Kadonosono (Yokohama City University, Japan)
Mineo Kondo (Mie University Graduate School of Medicine, Japan)

Speaker Advantages : 27-gauge Vitreoretinal Surgery

Takayuki Baba
Chiba University, Japan

Speaker Vitreous probe to be used: HYPERVIT

Takeshi Iwase
Akita University, Japan

Speaker How to enhance the use of Ngenuity for Vitrectomy

Kazuaki Kadonosono
Yokohama City University, Japan

Sponsor: Alcon Japan Ltd.

14:15-15:15

Room 1

Science session (Medical) 2 Imaging

Chairs: Paisan Ruamviboonsuk (Rajavithi Hospital, College of Medicine, Rangsit University, Thailand)
Yoshinori Mitamura (Tokushima University Graduate School, Japan)

M2-1 Distribution of Neovascularization on Wide-field OCT Angiography in Proliferative Diabetic Retinopathy

14:15-14:22

Takao Hirano
Shinshu University Hospital, Japan

M2-2 Capillary loss imaged using WF OCT-angiography in diabetic retinopathy

14:22-14:29

Aude Couturier
Université de Paris, Ophthalmology Department, AP-HP, Hôpital Lariboisière, France

M2-1–M2-2 Discussion 1

14:29-14:35

M2-3 The CONAN classification of macular neovascularization. A multimodal imaging approach.

14:35-14:42

Giovanni Staurenghi
University of Milan, Italy

M2-4 Further imaging insights into pachychoroid

14:42-14:49

Gemmy Cheung
Singapore National Eye Center, Singapore

M2-5 Bilateral AMD - lessons learned

14:49-14:56

Ricarda G Schumann
Ludwig Maximilian University Munich, Germany

M2-6 Are all the macular atrophy the same?

14:56-15:03

Giovanni Staurenghi
University of Milan, Italy

M2-3–M2-6 Discussion 2

15:03-15:15

Program Day 1

15:15-15:50

Room 1

Panel discussion (Medical) 1 How to diagnose and/or treat this case (case session)

Chairs: Gregg T Kokame (University of Hawaii School of Medicine, USA)
Akitaka Tsujikawa (Kyoto University, Japan)

Panelists

Ryuya Hashimoto (Toho University Sakura Medical Center, Japan)
Gregg T Kokame (University of Hawaii School of Medicine, USA)
Paisan Ruamviboonsuk (Rajavithi Hospital, College of Medicine, Rangsit University, Thailand)
Yoshitsugu Saishin (Shiga University of Medical Science, Japan)
Giovanni Staurengi (University of Milan, Italy)
Ramin Tadayoni (University of Paris, St Louis and Rothschild Foundation Hospitals, France)
Shinji Ueno (Nagoya University Graduate School of Medicine, Japan)

15:50-16:05

Coffee break

16:05-17:15

Room 1

Science session (Surgical) 3 Macular surgery

Chairs: Paisan Ruamviboonsuk (Rajavithi Hospital, College of Medicine, Rangsit University, Thailand)
Akito Hirakata (Kyorin University, Japan)

S3-1 Surgical Management of Myopic Retinoschisis

16:05-16:12 José García-Arumí
Universidad Autónoma de Barcelona, Spain

S3-2 How to classify and name myopic tension maculopathies

16:12-16:19 Ramin Tadayoni
University of Paris, Department of Ophthalmology, AP-HP, Lariboisiere, St Louis and Rothschild Foundation Hospitals, France

S3-3 Epiretinal Proliferation in Lamellar Macular Holes

16:19-16:26 Ricarda G Schumann
Ludwig Maximilian University Munich, Germany

S3-4 MP3 guided ILM peeling for glaucoma-associated macular disease

16:26-16:33 Hiroko Terashima
Niigata University, Japan

S3-1–S3-4 Discussion 1

16:33-16:45

S3-5 Clinical outcomes of membrane surgery using conventional microscopic vitrectomy vs 3D Head-up surgery

16:45-16:52 Kyu-Hyung Park
Seoul National University Bundang Hospital, Korea / Seoul National University College of Medicine, Korea



S3-6 Impact of intraretinal hemorrhage on the visual prognosis of retinal arterial macroaneurysm rupture

16:52-16:59

Shuhei Kimura
Okayama University, Japan

S3-7 Internal limiting membrane defect associated with epiretinal membrane

16:59-17:06

Yuichiro Ishida
Aichi Medical University, Japan

S3-5–S3-7 Discussion 2

17:06-17:15

17:15-18:25

Room 1

Science session (Medical) 3 Choroid

Chairs: Kyu-Hyung Park (Seoul National University College of Medicine, Korea)
Susumu Ishida (Hokkaido University, Japan)

M3-1 A potential animal model for pachychoroid

17:15-17:22

Gemmy Cheung
Singapore National Eye Center, Singapore

M3-2 Imbalanced distribution of choroidal blood flow causes subretinal fluid

17:22-17:29

Michiyuki Saito
Hokkaido University, Japan

M3-3 Vortex vein anastomosis at the watershed in pachychoroid spectrum diseases

17:29-17:36

Hidetaka Matsumoto
Gunma University Graduate School of Medicine, Japan

M3-4 The Effects of Photodynamic Therapy and Smoking on Hemodynamics in Central Serous Chorioretinopathy

17:36-17:43

Keiko Kataoka
Kyorin University, Japan

M3-1–M3-4 Discussion 1

17:43-17:55

M3-5 Experience and Insight of Basic and Clinical Research in Polypoidal Choroidal Vasculopathy

17:55-18:02

Youxin Chen
Peking Union Medical College Hospital, China

M3-6 Pachydrusen in polypoidal choroidal vasculopathy and typical macular neovascularization

18:02-18:09

Paisan Ruamviboonsuk
Rajavithi Hospital, College of Medicine, Rangsit University, Thailand

M3-7 Choroidal thickness and vessels in myopic eyes with dome-shaped macula

18:09-18:16

Ramin Tadayoni
University of Paris, Department of Ophthalmology, AP-HP, Lariboisiere, St Louis and Rothschild Foundation Hospitals, France

M3-5–M3-7 Discussion 2

18:16-18:25

Distinguished poster LIVE session 1

Chair: Akitaka Tsujikawa (Kyoto University, Japan)

- P-01*** Roles of adipocyte metabolism on synthesis of photoreceptors outer segments and retinal senescence
18:40-18:45
Ryo Terao
The University of Tokyo, Japan/Washington University School of Medicine in St. Louis, USA
- P-02*** Choroidal vasculature is essential for maintenance of retinal pigment epithelium and photoreceptors
18:45-18:50
So Goto
School of Optometry and Vision Science, University of California, Berkeley, California, USA/Laboratory for Retinal Regeneration, RIKEN Center for Developmental Biology, Kobe, Japan/Department of Ophthalmology, Osaka University Graduate School of Medicine, Suita, Japan
- P-15*** Deletion of Tgf β signal in activated microglia prolongs hypoxia-induced retinal neovascularization
18:50-18:55
Ayumi-Usui Ouchi
Juntendo University Urayasu Hospital, Japan/Scripps Research, USA
- P-16*** Diabetic Retinopathy Classification using Deep Residual Convolutional Neural Network Algorithm
18:55-19:00
Rifaldy Fajar
Yogyakarta State University, Indonesia
- P-26*** Foveal Thickness Fluctuation in Anti-VEGF Treatment for Branch Retinal Vein Occlusion
19:00-19:05
Daisuke Nagasato
Tsukazaki Hospital, Japan/Department of Technology and Design Thinking for Medicine, Hiroshima University, Japan/Department of Ophthalmology, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima, Japan
- P-27*** Association between retinal vein occlusion and early-stage hypertension: a large database study
19:05-19:10
Yohei Hashimoto
Department of Ophthalmology, The University of Tokyo, Japan/Department of Clinical Epidemiology and Health Economics, School of Public Health, The University of Tokyo, Japan
- P-56*** Racial differences in presentation and outcomes of polypoidal choroidal vasculopathy
19:10-19:15
Hisashi Fukuyama
Hyogo College of Medicine, Japan/Northwestern University, USA
- P-70*** Clinical finding in eyes with BEST1 related retinopathy complicated by choroidal neovascularization
19:15-19:20
Mai Miyagi
Nagoya University Graduate School of Medicine, Japan
- P-86*** Investigating the role of a novel metabolic regulator in the eye
19:20-19:25
Sze Yuan Ho
Centre of Vision Research, Duke-NUS Medical School, Singapore/Singapore Eye Research Institute, Singapore



- P-92*** Automatic determination of choroidal vascular hyperpermeability
19:25-19:30 Takaaki Sugisawa
Hyogo College of Medicine, Japan

18:40-19:30**Room 2**

Distinguished poster LIVE session 2

Chair: Fumi Gomi (Hyogo College of Medicine, Japan)

- P-49*** Scleral thickness in steroid-induced central serous chorioretinopathy
18:40-18:45 Shota Sawaguchi
University of the Ryukyus, Japan
- P-50*** Relationship between scleral thickness and choroidal structure in central serous chorioretinopathy
18:45-18:50 Naoya Imanaga
University of the Ryukyus, Japan
- P-51*** Genes associated with occurrence of macular neovascularization in central serous chorioretinopathy
18:50-18:55 Yuki Mori
Kyoto University, Japan
- P-54*** Nationwide Incidence and Real-world Clinical Practice of Exudative Age-related Macular Degeneration
18:55-19:00 Ai Kido
Kyoto University, Japan
- P-55*** Pharmacokinetic Profile of the Port Delivery System With Ranibizumab in the Phase 3 Archway Trial
19:00-19:05 John Kitchens
Retina Associates of Kentucky, Lexington, KY, USA
- P-57*** Risk factors associated with development of exudation in fellow eyes of neovascular AMD
19:05-19:10 Chinmayi Himanshuroy Vyas
Singapore Eye Research Institute, Singapore National Eye Centre, Singapore
- P-68*** Deterioration of phagocytosis in iPSC-RPE cells from patients with RP carrying MERTK mutations
19:10-19:15 Miho Tagawa
Department of Ophthalmology and Visual Sciences, Kyoto University Graduate School of Medicine, Japan
- P-69*** Targeting Circulating Inflammatory Monocytes to Combat Cone Cell Death in Retinitis Pigmentosa
19:15-19:20 Yusuke Murakami
Kyushu University, Japan
- P-91*** Analysis of immunogenicity of MHC class II knockout iPSC-derived retinal pigment epithelial cells
19:20-19:25 Masaaki Ishida
Riken Laboratory for Retinal Regeneration, Japan/Department of Biological Sciences, Graduate School of Medicine, Kyoto University, Japan/Department of Ophthalmology, Toyama University, Japan

- P-93*** Analysis of the Pachychoroid Phenotype in an Asian Population
19:25-19:30 Wendy Wong
Department of Ophthalmology, National University Hospital, Singapore

18:40-19:30

Room 3

Distinguished poster LIVE session 3

Chair: Makoto Inoue (Kyorin University, Japan)

- P-10*** Pigmentary degeneration in eyes with rhegmatogenous retinal detachment
18:40-18:45 Midori Ideyama
Kyoto University, Japan
- P-11*** Treatment of tractional retinal detachment in eyes with familial exudative vitreoretinopathy
18:45-18:50 Tomoyuki Oga
KINDAI, Japan
- P-12*** Factors affecting retinal re-detachment following silicone oil removal
18:50-18:55 Matthew Ryan Starr
Mayo Clinic, USA/Wills Eye Hospital, USA
- P-37*** Comparisons of Clinical Characteristics and Surgical Outcomes of ERM Foveoschisis to Typical ERM
18:55-19:00 Taku Sasaki
Mie University Graduate School of Medicine, Japan
- P-38*** The relationship between operative retinal artery angle and metamorphopsia in eyes with ERM
19:00-19:05 Kentaro Nakamura
Yokohama City University, Japan
- P-39*** Ocular factors related to preoperative enlargement of idiopathic macular hole diameter
19:05-19:10 Naohisa Mihara
Kagoshima University, Japan
- P-40*** Efficacy of fovea-sparing internal limiting membrane peeling for epiretinal membrane foveoschisis
19:10-19:15 Jiro Kogo
St. Marianna University School of Medicine, Japan
- P-41*** En face image-based technique to remove the ERM without damaging the ILM
19:15-19:20 Ryo Matoba
Okayama University, Japan
- P-75*** Development of robotic endoscope and illuminator holder for vitreoretinal surgery
19:20-19:25 Koh-Hei Sonoda
Kyushu University, Japan
- P-90*** Real-world Long-term Treatment Result of Retinopathy of Prematurity: A Multicenter Cohort Study
19:25-19:30 Tomoya Murakami
J-CREST, Japan/University of Tsukuba, Japan



19:30-19:40

Room 1

Award Ceremony

Presenter: Taiji Sakamoto (FujiRetina Chair of the Organizing Committee)

19:40-20:00

Room 1

Welcome Speech

20:00-21:00

Room 1

Retinaws

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

Panelists José García-Arumí (Universidad Autónoma de Barcelona, Spain)
Makoto Inoue (Kyorin University, Japan)
Kazuaki Kadonosono (Yokohama City University, Japan)
Motohiro Kamei (Aichi Medical University, Japan)
Manish Nagpal (Retina Foundation, India)
Shintaro Nakao (Kyushu Medical Center, Japan)
Ramin Tadayoni (University of Paris, St Louis and Rothschild Foundation Hospitals, France)
Yoshihiro Yonekawa (Wills Eye Hospital, Thomas Jefferson University, USA)

Program | Sunday, April 24

8:00-9:00

Room 1

Morning seminar Insights into AMD -diagnosis and treatment-

Chair: Taiji Sakamoto (Kagoshima University, Japan)

Speaker Updates of AMD diagnosis

Sotaro Ooto
Kyoto University, Japan

Speaker Optimal treatment for neovascular AMD -past, present, and future-

Hideki Koizumi
University of the Ryukyus, Japan

Sponsor: Senju Pharmaceutical Co., Ltd.

9:00-9:50

Room 1

Science session (Surgical) 4 Complexed RD

Chairs: R.V. Paul Chan (Illinois Eye and Ear Infirmary, University of Illinois at Chicago, USA)
Takatoshi Maeno (Toho University Sakura Medical Center, Japan)

S4-1 20 lessons from the primary retinal detachment outcomes multicenter study

9:00-9:07 Yoshihiro Yonekawa
Wills Eye Hospital, Mid Atlantic Retina, Thomas Jefferson University, USA

S4-2 Rhegmatogenous retinal detachment recurred more than 10 years after reattachment by vitrectomy

9:07-9:14 Takayuki Baba
Chiba University, Japan

S4-1–S4-2 Discussion 1

9:14-9:20

S4-3 Suppression of Retinal Fibrous Membrane Formation by Periostin-targeting Strategy

9:20-9:27 Shigeo Yoshida
Kurume University School of Medicine, Japan

S4-4 Surgery in Complex PVR Situations

9:27-9:34 Manish Nagpal
Retina Foundation, India

S4-5 Management of Submacular Hemorrhage: Clinic or OR?

9:34-9:41 Lejla Vajzovic
Duke University Eye Center, USA

S4-3–S4-5 Discussion 2

9:41-9:50



9:50-10:20

Coffee break

10:20-11:20

Room 1

Science session (Medical) 4 Pediatrics

Chairs: Yoshihiro Yonekawa (Wills Eye Hospital, Thomas Jefferson University, USA)
Shunji Kusaka (Kindai University Faculty of Medicine, Japan)

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- M4-1** **The International Classification of ROP 3rd Edition**
10:20-10:27 R.V. Paul Chan
Illinois Eye and Ear Infirmary, University of Illinois at Chicago, USA
- M4-2** **Management of retinopathy of prematurity**
10:27-10:34 Norie Nonobe
Center for Maternal-Neonatal Care Nagoya University Hospital, Japan
- M4-3** **Pediatric retina surgery tips and tricks**
10:34-10:41 Yoshihiro Yonekawa
Wills Eye Hospital, Mid Atlantic Retina, Thomas Jefferson University, USA
- M4-4** **Imaging and artificial Intelligence for ROP**
10:41-10:48 R.V. Paul Chan
Illinois Eye and Ear Infirmary, University of Illinois at Chicago, USA
- M4-1–M4-4** **Discussion 1**
10:48-11:00
- M4-5** **Hyaloid artery: A possible origin of optic disc pit**
11:00-11:07 Tadashi Yokoi
National Center for Child Health and Development, Japan
- M4-6** **Complex genetics of FEVR**
11:07-11:14 Hiroyuki Kondo
University of Occupational and Environmental Health, Japan
- M4-5–M4-6** **Discussion 2**
11:14-11:20

11:30-12:30

Room 1

Luncheon seminar 3 PCV Diagnosis and Treatment in Japan

Chair: Taiji Sakamoto (Kagoshima University, Japan)

Speaker Advancements in Pathogenesis and Diagnosis of PCV / Pachychoroid

Shozo Sonoda

Kagoshima University, Japan

Speaker Current treatment modalities for PCV

Fumi Gomi

Hyogo College of Medicine, Japan

Sponsor: Novartis Pharma K.K.

11:30-12:30

Room 2

Luncheon seminar 4 The latest information on nAMD diagnosis and treatment from Japan

Chair: Akitaka Tsujikawa (Kyoto University, Japan)

Speaker Pachychoroid Neovascuopathy and Age-related Macular Degeneration

Masahiro Miyake

Kyoto University, Japan

Sponsors: Bayer Yakuhin, Ltd. / Santen Pharmaceutical Co., Ltd.

12:40-13:20

Room 1

Panel discussion (Medical) 2 Management of nAMD 2022

Chairs: Gemmy Cheung (Singapore National Eye Center, Singapore)

Hideki Koizumi (University of the Ryukyus, Japan)

Panelists

Youxin Chen (Peking Union Medical College Hospital, China)

Hyung Chan Kim (Konkuk University Medical Center, Korea)

Ichiro Maruko (Tokyo Women's Medical University, Japan)

Kenji Yamashiro (Kochi Medical School, Kochi University, Japan)

Yasuo Yanagi (Yokohama City University, Japan)



13:20-14:10

Room 1

Science session (Medical) 5 Vascular & inflammatory retinal diseases

Chairs: Giovanni Staurenghi (University of Milan, Italy)
Kyoko Ohno-Matsui (Tokyo Medical and Dental University, Japan)

- M5-1** Translational research in diabetic macular edema
13:20-13:27 Tomoaki Murakami
Kyoto University, Japan
- M5-2** The application of 5G technology to conduct real-time tele-retinal laser photocoagulation for the treatment of diabetic retinopathy
13:27-13:34 Youxin Chen
Peking Union Medical College Hospital, China
- M5-3** Longer Interscan Times in OCT Angiography Detect Slower Capillary Flow in Diabetic Retinopathy
13:34-13:41 Shintaro Nakao
National Hospital Organization, Kyushu Medical Center, Japan / Kyushu University, Japan
- M5-1–M5-3 Discussion 1**
13:41-13:50
- M5-4** Intravitreal anti-VEGF in uveitic macular edema, why it works?
13:50-13:57 De-Kuang Hwang
Taipei Veterans General Hospital, Taiwan / National Yang Ming Chiao Tung University, Taiwan
- M5-5** Effect of Systemic Steroid Administration on Final Visual Acuity in Eyes with Multiple Evanescent White Dot Syndrome (MEWDS)
13:57-14:04 Mineo Kondo
Mie University, Japan
- M5-4–M5-5 Discussion 2**
14:04-14:10

14:10-15:00

Room 1

Science session (Surgical) 5 DR/RVO/SMH

Chairs: Ramin Tadayoni(University of Paris, St Louis and Rothschild Foundation Hospitals, France)
Atsushi Hayashi (University of Toyama, Japan)

- S5-1** Modern PDR surgery
14:10-14:07 Aude Couturier
Université de Paris, Ophthalmology Department, AP-HP, Hôpital Lariboisière, France
- S5-2** Pearls for the Management of Intraretinal/ Subretinal PVR
14:07-14:14 José García-Arumí
Universidad Autónoma de Barcelona, Spain
- S5-1–S5-2 Discussion 1**
14:14-14:20

S5-3 A new technique of fundus observation during cataract surgery

14:20-14:27 Motohiro Kamei
Aichi Medical University, Japan

S5-4 How to surgically treat large submacular hemorrhages due to macro-aneurysmal rupture

14:27-14:34 Kazuaki Kadonosono
Yokohama City University, Japan

S5-5 Retinectomy for large subretinal haemorrhage

14:34-14:41 Manish Nagpal
Retina Foundation, India

S5-3–S5-5 Discussion 2

14:41-14:50

15:00-15:20

Coffee break

15:20-16:20

Room 1

Science session (Medical) 6 AI

Chairs: Pearse A Keane (Moorfields Eye Hospital NHS Foundation Trust / University College London, Institute of Ophthalmology, UK)
Kiyoshi Suzuma (Kagawa University, Japan)

M6-1 The Moorfields-DeepMind Collaboration: Reinventing the Eye Exam

15:20-15:27 Pearse A Keane
Moorfields Eye Hospital NHS Foundation Trust / University College London, Institute of Ophthalmology, UK

M6-2 AI in Fundus Images in Japan

15:27-15:34 Hidenori Takahashi
Jichi Medical University, Japan

M6-3 Application of Artificial Intelligence in Research

15:34-15:41 Masahiro Miyake
Kyoto University, Japan

M6-4 Code-free deep learning - the next phase of AI-enabled healthcare?

15:41-15:48 Pearse A Keane
Moorfields Eye Hospital NHS Foundation Trust / University College London, Institute of Ophthalmology, UK

M6-1–M6-4 Discussion 1

15:48-16:00

M6-5 Post-treatment prediction of OCT using a conditional GAN in AMD

16:00-16:07 Hyung Chan Kim
Konkuk University, Korea

M6-6 An en face assessment of the retina using the Uncertainty index map

16:07-16:14 Hiroto Terasaki
Kagoshima University Graduate School of Medical and Dental Sciences, Japan

M6-5–M6-6 Discussion 2

16:14-16:20



16:20-16:50

Room 1

Panel discussion (Surgical) 2 Regenerative surgery for retina

Chairs: Gregg T Kokame (University of Hawaii School of Medicine, USA)
Masayo Takahashi (Vision Care Inc., Japan)

Panelists

Aude Couturier (Université de Paris, Hôpital Lariboisière, France)

Kaoru Fujinami (National Hospital Organization Tokyo Medical Center, Japan)

José García-Arumí (Universidad Autónoma de Barcelona, Spain)

Yasuhiko Hiramami (Kobe City Eye Hospital, Japan)

Koji Nishiguchi (Nagoya University Graduate School of Medicine, Japan)

16:50-17:00

Room 1

Closing