

Wednesday 20th June 2018, 8:30–10:00

Session 1: Paper Session — Genetics of photoreceptors

Chairs: Pr Isabelle Audo, Dr Tony Robson

- 8:30 **1.01 Correlating structure function relationships in Usher syndrome: identifying best correlates for natural history studies in preparation for therapies**
J.R. Grigg, A. Invernizzi, N. Mustafic, F. Ristoldo, C. Fraser, R.V. Jamieson (Sydney Australia)
- 8:45 **1.02 A rod-cone dysfunction syndrome due to biallelic mutations in GUCY2D**
R. Ba-Abbad, G.E. Holder, A.G. Robson, C. Egan, G. Arno, A.R. Webster (London, UK and Singapore)
- 9:00 **1.03 Long-term safety of human retinal progenitor cell transplantation in retinitis pigmentosa patients**
Zheng Qin Yin, Yong Liu, Shao Jun Chen, Shi Ying Li, Ling Hui Qu, Xiao Hong Meng (Chongqing, China).
- 9:15 **1.04 Phenotypical variations of cone dystrophy with normal fundus appearance caused by POC1B gene mutations**
K. Tsunoda¹, K. Fujinami^{1,2}, S. Kameya³, T. Hayashi⁴, S. Ueno⁵, R. Ideta⁶, K. Kuniyoshi⁷, T. Iwata¹, Y. Miyake^{1,8} (Tokyo, Chiba, Kumamoto, Osaka and Aichi, Japan)
- 9:30 **1.05 Monitoring the development and treatment of suspected choroidal neovascularization in Best vitelliform macular dystrophy with OCT angiography and visual electrophysiology in pediatric patients**
A. Polosa, A.L. Dorfman, P. Lachapelle, C.X. Qian. (Montreal/Quebec, Canada)
- 9:45 **1.06 Riggs-type dominant congenital stationary night blindness with a systemic association and a new GNAT1 mutation**
M.F. Marmor¹, C. Zeitz² (Palo Alto, CA, USA and Paris, France)

10:00 **Mayor's Welcome** (Dr Arnaud Robinet)

Coffee Break (10:10-10:30)

Wednesday 20th June 2018, 10:30–11:45

Session 2: Paper Session — Methods & Innovations I

Chairs: Dr Suresh Viswanathan, Pr Eberhart Zrenner

- 10:30 **2.01 Peripheral PERG (pPERG) high-frequency response components in normally sighted and glaucomatous eyes**
S. Patangay, T. Vajaranant, J.C. Park, J.J. McAnany, J.R. Hetling
Chicago, USA
- 10:45 **2.02 A battery of short-duration VEP tests for assessment of traumatic brain injury**
V. Zemon, J. Gordon (New York, NY, USA)
- 11:00 **2.03 Investigation of scotopic vision with mfVEPs**
D. Muranyi, A. Wolff, H. Thieme, M.B. Hoffmann
(Magdeburg, Germany)
- 11:15 **2.04 Portable device for VEP monitoring I. Technical parameters and VEP characteristics**
M. Kuba, J. Kremláček, F. Vít, J. Langrová, J. Szanyi, Z. Kubová
(Hradec Králové, Czech Republic)

- 11:30 **2.05 Portable device for VEP monitoring II. Live demonstration of VEP examination**
Z. Kubová, M. Kuba, J. Kremláček, F. Vít, J. Langrová, J. Szanyi
(Hradec Králové, Czech Republic)

Manufacturer session (11:45-12:30)

Lunch (12:30-13:15)

Wednesday 20th June 2018, 13:15–15:15

Session 3: Poster Session 1

Chairs: Dr Karen Holopigian, Pr Marina Zueva

- 3.01 The usefulness of visual electrophysiology in pendular nystagmus in infancy**
D.-T. Nguyen, G. Martin, O. Zambrowski, A. Pon, D. Bremond-Gignac, M. Robert (Paris and Créteil, France)
- 3.02 Comparison of RETeval and OCT findings in glaucoma patients**
K. Ikesugi, H. Tsukitome, M. Miyata, K. Kato, R. Nagashima, A. Sugawara, M. Kondo (Tsu, Japan)
- 3.03 Advanced analysis of PERG signals in early primary open-angle glaucoma**
H. Hassankarimi, E. Jafarzadehpur, S.M.R. Noori, F. Radinmehr (Tehran, Iran)
- 3.04 Discrete wavelet transform of pattern reversal VEPs in anisometric amblyopia versus normal eyes**
H. Hassankarimi, E. Jafarzadehpur, A. Mohamadi, S.M.R. Noori (Tehran, Iran)
- 3.05 Newly defined N95 amplitude in the PERG**
K.H. Kim, S.Y. Lee; U.S. Kim (Seoul and Daejeon, Korea)
- 3.06 Natural course of chronic non-arteritic anterior ischemic optic neuropathy: pattern electroretinography review**
V. Chandra, M. Sidik, S. Nusanti (Jakarta, Indonesia)
- 3.07 PERG in the assessment of the risk of glaucoma conversion in patients with OHT in five-year follow-up**
W. Gosławski, W. Lubiński (Szczecin, Poland)
- 3.08 Normal values of standard full-field ERGs and VEPs in Indonesian adults**
S. Nusanti, T.Y. Gondosari, R. Aleddin, M. Sidik (Jakarta, Indonesia)
- 3.09 The effect of age on ISCEV standard ERGs recorded with skin electrodes**
A. Tanikawa, I. Ueda, R. Sakurai, R. Nomura, Y. Nariai, Y. Shimada, M. Horiguchi (Toyoake, Japan)
- 3.10 Visual electrophysiology development from infant to teenager in Western China**
Min Wang, Gang Wang, Bo Liu, Tao Yu, Shi Ying Li, Zheng Qin Yin (Chongqing, China)
- 3.11 Comparison of two color vision tests in patients with Leber's hereditary optic neuropathy**
M. Chapon, K. Drine, S. Pellan, I. Audo, S. Mohand-Saïd, C. Clermont-Vignal, J-A. Sahel
(Paris, France and Pittsburgh, PA, USA)
- 3.12 No light perception but existing P2 wave in flash VEP of optic neuritis patient: case report**
Gang Wang, Min Wang, Bo Liu, Shi Ying Li, Zheng Qin Yin (Chongqing, China)

- 3.13 Atypical presentation of palinopsia** C. Meyniel, V. Touitou, S. Gerber, B. Bodaghi (Paris, France)
- 3.14 Bilateral optic neuropathy confirmed with VEPs in a case of chronic chrome/cobalt intoxication** D. Bartholomeu, C. Friang, M. Betbeze, C. Mensa, X. Ohl, C. Arndt (Reims, France)
- 3.15 VEP follow-up of a mitochondrial optic neuropathy** J. Bastien, F. Rebelo, C. Riger, T. N'guyen, A. Denoyer, C. Arndt (Reims, France)
- 3.16 Visually evoked responses to pattern stimulation and its importance in anisometropic amblyopia** R. Anjamurthy, S. Gadewar (Madurai, India)
- 3.17 VEP-misrouting in albinism: evaluation of currently used methods** C.C. Kruijt^{1,2}, G.C. de Wit¹, N.E. Schalijs-Delfos², M.M. van Genderen^{1,3} (Zeist, Leiden and Utrecht, the Netherlands)
- 3.18 Diagnostic performance of photopic ERGs in a population who visits optometrists and ophthalmologists** Q. Davis, O. Kraszewska, R. Feig, R. Levy, C. Manning (Inc. Gaithersburg, MD, Brooklyn, NY, Burlington, NJ & Fort Worth, TX, USA)
- 3.19 Pattern-reversal and motion-onset VEPs vs. contrast sensitivity** J. Kremláček, M. Kuba, Z. Kubová, J. Szanyi, J. Langrová, F. Vít (Hradec Králové, Czech Republic)
- 3.20 LED flash stimulation compared to Grass strobe photic stimulation** K.L. Prise, V.M. Reynolds, D.M. Versace, S.E. Handley, C. Hogg, D.A. Thompson, A. Liasis (London, UK)
- 3.21 iSim: a standardised methodology for the quality assurance of recording regimes across clinical laboratories** A.C. Fisher, M. Elt (Liverpool, UK)
- 3.22 Modifying the manufacturer's recommended dark adaptometry protocol for use in a clinical setting** J. Adamson, J. Cowe, J. Kempton (Leicester, UK)
- 3.23 Evaluation of a long-term toxicity screening programme using mfERG in hydroxychloroquine patients** E. Chelva, D. Witherington, M. Dolliver, S. Laurin, C. Cheng (Perth, Australia)
- 3.24 Traps and tips to perform the multifocal electroretinogram (mfERG)** C. Benacchio, L. Topart, A. Barkat, C. Borel, S. Derrien, E. Laumonier (Paris, France)
- 3.25 Effect of defocus induced by multifocal contact lens of dominant and non-dominant design on the amplitude and implicit time of the mfERG** P.R. Fernandes, C. Ferreira, A. Amorim-de-Sousa, A. Amorim, A. Queirós, J.M. González-Méijome (Braga, Portugal)
- 3.26 The influence of different contact lens material on the mfERG** A. Amorim-de-Sousa, L. Moreira, R. Macedo-de-Araújo, A. Amorim, P.R. Fernandes, A. Queirós, J. Jorje, J.M. González-Méijome (Braga, Portugal)

Coffee (14:45-15:15)

Wednesday 20th June 2018, 15:15–17:00

Session 4: Paper Session — Paediatrics

Chairs: Dr Audrey Chia and Pr Daphne McCulloch

- 15:15 **4.01 Paediatric pattern-reversal VEP reference intervals** D.A. Thompson, K.L. Prise, V.M. Reynolds, D.M. Versace, S.E. Hardy, M. Shaw, R. Hamilton (London and Glasgow, UK)
- 15:30 **4.02 Visual electrophysiology testing in infants with congenital vertical nystagmus** V.M. Smirnov, I. Drumare, S. Defoort-Dhellemmes (Lille, France)
- 15:45 **4.03 Comparison of flash visual evoked response between clinically stable preterm infants and term healthy infants** A. Kharal, S.J. Baba, S.G. Shankar (Kathmandu, Nepal)
- 16:00 **4.04 Do pattern VEP, PERG and focal ERG allow an early functional diagnosis in insulin dependent diabetic (IDDM) children without diabetic retinopathy?** M. Di Pietro, S. Ficili, D. Lo Presti, M.C. Strano, T. Avitabile (Catania, Italy)
- 16:15 **4.05 The effect of grating stimulus orientation on monocular pattern-onset VEP and psychophysical grating acuity in young children with newly-diagnosed refractive amblyopia** T.P. Yap, Chen Li Luu, C. Suttle, A. Chia, M.Y. Boon (Sydney & Melbourne, Australia ; London, UK; Singapore, Singapore)
- 16:30 **4.06 VEP monitoring of treatment for glioma of the optic pathways in young children: clinical case reports** I. Drumare Bouvet, C. Marks Delesalle, I. Bouacha Allou, V. Smirnov, S. Defoort Dhellemmes (Lille, France)
- 16:45 **4.07 Albinism: diagnostic criteria** C.C. Kruijt, G.C. de Wit, N.E. Schalijs-Delfos, M.M. van Genderen (Zeist, Leiden & Utrecht, the Netherlands)

Thursday 21st June 2018, 9:30–10:30

Olympics briefing (17:00-17:15)

Pr Colin Barber, Dr Martine Crochet

Welcome Reception (17:30)

Patte d'Oie just outside the convention center (location n°1 on the general information page)

Thursday 21st June 2018, 8:00–9:30
YSCEV Session

Thursday 21st June 2018, 9:30–10:30
Session 5: Paper Session — Methods & Innovations II

Chairs: Dr Ruth Hamilton and Dr Mitch Brigell

- 9:30 **5.01 Quantitative calibration of sensor strip ERG electrodes** S. Brodie, C. Golshani (New York, NY, USA)
- 9:45 **5.02 Steady-state PERGs and short-duration pattern VEPs in normal healthy eyes**
R. Mathur, A. Chia, Chen Li Yu, R. Png (Singapore)
- 10:00 **5.03 Comparison of cathode-ray tube (CRT), organic light-emitting diode (OLED) and luminance feedback technologies (LFT) for the generation of pattern ERG and VEP stimuli**
J. Charlier, D. Boizier (Perenchies-Lille, France)
- 10:15 **5.04 Recording electrical potentials of the ciliary muscle during accommodation**
T. Straßer, D. Zobor, M. Deibel, H. Dominic, F. Schaeffel, E. Zrenner (Tübingen, Germany)

Coffee (10:30-11:00)

Thursday 21st June 2018, 11:00–12:45
Session 6: Paper Session — All over the retina
Chairs: Pr Paul Constable and Dr Elsa Laumonier

- 11:00 **6.01 The slow light and dark oscillation of the clinical EOG** P.A. Constable, D. Ngo (Adelaide, Australia)
- 11:15 **6.02 Tolerability, reliability and clinical efficacy of the RETeval[®] hand-held light-adapted 30 Hz flicker ERG in awake infants in monitoring retinal side effects of vigabatrin treatment** C.A. Westall, Xiang Ji, M. McFarlane, H. Liu (Toronto & Ottawa, Canada)
- 11:30 **6.03 Full field ERG features of East Asian patients with occult macular dystrophy (Miyake's disease); EAOMD Report No. 2.1** Lizhu Yang*, Kwangsic Joo*, K. Tsunoda, M. Kondo, Y. Fujinami, G. Arno, T. Kurihara, K. Tsubota, T. Iwata, Xuan Zou, Hui Li, Kyu Hyung Park, Y. Miyake, Se Joon Woo, Ruifang Sui, K. Fujinami
**joint first authors
(Tokyo & Aichi, Japan; Beijing, China; Seoul, South Korea; Tsu & Osaka, Japan; London, UK; Tokyo, Japan)
- 11:45 **6.04 The clinical features of cancer-associated retinopathy in a cohort of Chinese patients**
Ruifang Sui, Hui Li, Lizhu Yang, Ruxin Jiang, Zixi Sun, Xuan Zou (Beijing, China)
- 12:00 **6.05 Does unilateral retinopathy pigmentosa exist? Report of four cases**
E. Laumonier Demory, C. Giraud, A. Cahuzac, R. Hage, C. Scemama Timsit, E. Boulanger Scemama (Paris, France)
- 12:15 **6.06 Comparing corneal and skin electrode recording in ERGs** C. Rumuri Sehungiza, R. Blakime, F. Gayté, M.T. Nguyen, A. Denoyer, C. Arndt (Reims, France)
- 12:30 **6.07 Experiences with electronic Retina Implant Alpha (RI-ALPHA) in more than 60 blind patients with inherited retinal dystrophies**
E. Zrenner and the SUBRET Study Group

(Tübingen, Germany; Budapest, Dresden, Hong Kong, Kiel, London, Oxford, Singapore)

Lunch (12:45-13:45)

Standards Session (13:45-15:15)

Group Photograph (15:15-15:30)

Olympics (15:30)

Patte d'Oie just outside the convention center (location n°1 on the general information page)

National Music Day (free evening)

Musicians performing in the streets all over the city

Friday 22nd June 2018, 08:00–09:30

Session 7: Paper Session — Animal: clinical and pre-clinical

Chairs: Pr Jan Kremers, Pr Mathias Seeliger

- 8:00 **7.01 The dynamics of rod and cone driven ERG adaptation to high and low luminances**
J. Kremers, A. Joachimsthaler (Erlangen, Germany)
- 8:15 **7.02 Dogs lacking the cyclic nucleotide-gated channel beta-1 subunit (Cngb1) have residual desensitized rod function prior to photoreceptor degeneration**
S.M. Petersen-Jones, N. Pasmanter, P.A. Winkler, L.M. Occelli (MI, USA)
- 8:30 **7.03 A pharmacological approach for retinitis pigmentosa** I. Piano, V. D'Antongiovanni, M. Biagioni, E. Novelli, M. Dei Cas, R. Ghidoni, E. Strettoi, C. Gargini (Pisa & Milan, Italy)
- 8:45 **7.04 A novel therapeutic concept in Pde6-related retinitis pigmentosa**
R. Mühlfriedel, V. Sothilingam, S. Michalakis, M. Biel, F. Paquet-Durand, M.W. Seeliger (Tübingen & Munich, Germany)
- 9:00 **7.05 Do photopic negative responses (PhNRs) reflect retinal ganglion cell function in chicks?**
C. Afari, D.L. McCulloch, V. Choh (Waterloo, Canada)
- 9:15 **7.06 Photopic ERG and flash VEP in neonatal monkeys with maternal zika virus exposure**
J.N. Ver Hoeve, T.M. Nork, C.B.Y. Kim, C. Rasmussen, D.H. Abbot, E. Mohr (Madison, WI, USA)

Coffee (9:30-10:00)

Friday 22nd June 2018, 10:00–11:30

Session 8: Paper Session — Clinical retina

Chairs: Pr Andre Messias, Pr Shuichi Yamamoto

- 10:00 **8.01 Retinal function in proliferative diabetic retinopathy treated with intravitreal ranibizumab and laser photocoagulation targeted to ischemic retina**
A. Messias, L. Toscano, K. Messias, J.A.S. Ribeiro, R. Jorge (Ribeirão Preto, Brazil)
- 10:15 **8.02 Comparison between micropulse laser treatment versus intravitreal injection of ranibizumab in diabetic macular edema using mfERGs**
W.H. Massoud, M.M.A. Genidy, R.M. Abdelrahman, A.M.K. ElShafei, A.A.M. Abdelrahman (Minia, Egypt)

- 10:30 **8.03 Supernormal flicker ERGs in eyes with central retinal vein occlusion: frequency, clinical characteristics, prognosis, and effects of anti-VEGF drug** M. Kondo, R. Miyata, S. Yasuda, K. Kato, S. Ueno, H. Terasaki (Nagoya, Japan)
- 10:45 **8.04 The ERG in the early post-operative period in eyes with epiretinal membrane: 3D-system versus eyepiece** M. Horiguchi, Y. Shimada, T. Nariai, R. Nomura, A. Tanikawa (Toyoake, Japan)
- 11:00 **8.05 Influence of internal limiting membrane peeling on macular function in patients treated for macula-on rhegmatogenous retinal detachment** K. Akiyama, K. Fujinami, K. Watanabe, T. Noda, Y. Miyake, K. Tsunoda (Tokyo & Aichi, Japan; London, UK)
- 11:15 **8.06 High frequency flicker ERG abnormalities in early-stage diabetic retinopathy** J.J. McAnany, J.C. Park (Chicago, IL, USA)

Friday 22nd June 2018, 11:30–12:30

Sponsor session: BAYER

- 11:30 **Innovation with anti VEGF treatments is it still possible?**
M. Afriat (Reims, France)
- 11:45 **Innovation in inherited retinal diseases.**
I. Audo. (Paris, France)
- 12:00 **Electrophysiological follow-up of chronic diseases.**
C. Kamami (Paris, France)
- 12:15 **Clinical cases**
M Afriat, C. Kamami I. Audo. (Reims & Paris, France)

Lunch (12:30-13:30)

Friday 22nd June 2018, 13:30–15:30

Session 9: Poster Session 2

Chairs: Pr Laura Frishman, Dr Li Shiying

- 9.01 **Abnormal flash ERGs in patients suffering from Pelizaeus-Merzbacher disease**
H. Nasser, P. Milani, N. Kubis, C. Delclaux, O. Boespflug-Tanguy, F. Rigaudière (Paris, France)
- 9.02 **Isolated foveal hypoplasia: study with OCT and OCT angiography** A. Shehab, H. Rady, D. Mehany, R. Estawro (Minia & Cairo, Egypt)
- 9.03 **Case report: dynamic visual acuity in bradyopsia**
H.E. Talsma, F. Hoeben, M.M. van Genderen (Zeist & Utrecht, The Netherlands)
- 9.04 **Comparison between mobile ERG with ERG-jet and skin electrode and full-field ERG**
J. Kim, H.S. Shin, K.S. Choi (Seoul, Korea)
- 9.05 **Retinal toxicity of electroluminescent diode (LED) lighting systems**
M. Berdugo, A. Krigel, I. Jaadane, E. Picard, F. Behar-Cohen, A. Torriglia (Paris, France)
- 9.06 **Fractal optical stimulation improves visual field indices in glaucoma patients**

M.V. Zueva, M.A. Kovalevskaya, O.V. Donkareva, A.I. Karankevitch, I.V. Tsapenko, A.A. Taranov (Moscow & Voronezh, Russia)

- 9.07 **Retinal sites and function affected by hydroxychloroquine therapy** L. Amaro-Quireza, D.C. Hood, V.C. Greenstein (New York, NY, USA)
- 9.08 **ERG changes in Dp71-knock out mice**
M.T.S. Barboni, A. Joachimsthaler, A.M.P. Liber, M.J. Roux, D.F. Ventura, A. Rendon, C. Vaillend, J. Kremers (Sao Paulo, Brazil; Budapest, Hungary; Erlangen, Germany; Strasbourg, Illkirch, Paris & Orsay, France)
- 9.09 **Multiple evanescent white dot syndrome (MEWDS): electrophysiological evidence of retinal ganglion cell dysfunction** R. Santos-Silva, L. Figueira, E. Brandao, M. Falcao, A. Rocha-Sousa, F. Falcao-Reis (Porto, Portugal)
- 9.10 **Ocular features in Chinese patients with Blau syndrome**
Shijing Wu, Lingqing Zhong, Zixi Sun, Tian Zhu, Hongmei Song, Ruifang Sui (Beijing, China)
- 9.11 **Distribution of generalized functional phenotype of East Asian patients with Stargardt disease (STGD1): EAStar studies report 2**
Xiao Liu*, Lizhu Yang*, Kwangsic Joo*, K. Tsunoda, T. Hayashi, K. Shinoda, A. Mizota, M. Kondo, K. Kuniyoshi, Y. (Yokokawa) Fujinami, G. Arno, T. Kurihara, K. Tsubota, Y. Miyake, Ya Li, Kyu Hyung Park, Dae Joong Ma, Hyeong Gon Yu, Bo Le, T. Iwata, Se Joon Woo†, Shi Ying Li†, K. Fujinami*†
*joint first authors †joint corresponding authors (Tokyo, Osaka, Aichi & Mie, Japan; Chongqing & Henan, China; Beijing, China; Seoul, South Korea; Saitama, Japan; Tokyo, Japan; London, UK)
- 9.12 **Bull's eye maculopathy with negative ERGs in retinal dystrophy**
F. Nasser, A. Kurtenbach, S. Kohl, K. Stingl, E. Zrenner (Tübingen, Germany)
- 9.13 **Autosomal recessive bestrophinopathy: a case series**
O. Xerri, C. Denier, A. Pon, D. Bremond-Gignac, R. Matthieu (Paris, France)
- 9.14 **Intravitreal injection of bevacizumab in case of syphilitic retinitis with retinal neovascularization**
M. Takeishi, G. Miura, T. Oshitari, T. Baba, S. Yamamoto (Chiba, Japan)
- 9.15 **Using Diagnosys full-field stimulus threshold testing (D-FST) to quantify scotopic thresholds in patients with proliferative and non-proliferative diabetic retinopathy**
P. Dhoble, O. Hess, R. Venkatesh (Pondicherry, India; Pennsylvania, USA)
- 9.16 **Exploratory clinical trial to examine the safety and efficacy of transdermal electrical stimulation for patients with retinitis pigmentosa** G. Miura, S. Ota, T. Nizawa, T. Tatsumi, T. Baba, S. Yamamoto (Chiba, Japan)
- 9.17 **Full-field dark-adaptation and full-field ERGs over two year follow-up in patients with RLBPI retinitis pigmentosa enrolled in a prospective natural history study**
M. Burstedt, X. Ni, B. Huang, J. Green, J. Whelan, K. Stasi, K. Holopigian (Umeå, Sweden; Cambridge, MA & East Hanover, NJ, USA; St John's, NF, Canada)
- 9.18 **PDE6B mutation presenting with retinitis pigmentosa: a report on three patients**

A. Palmowski-Wolfe, K. Stingl, I.U. Habibi, D. Schorderet, Hoai Viet Tran
(Basel & Lausanne, Switzerland; Tübingen, Germany)

*joint first authors †joint corresponding authors
(Tokyo, Mie, Osaka, Aichi & Saitama, Japan; London, UK;
Chongqing, Henan & Beijing, China; Seoul, South Korea)

9.19 Correlations between mfERG and OCT angiography
Young-Hoon Ohn, Jina Kim, S. Madrahimov, K.S. Choi,
Kahee Park (Seoul, South Korea)

9.20 Genotype-phenotype association in East Asian patients with occult macular dystrophy (Miyake's disease); EAOMD Report No.4
Y. (Yokokawa) Fujinami*, Lizhu Yang*, Kwangsic Joo*, K. Tsunoda, M. Kondo, G. Arno, Xiao Liu, T. Kurihara, K. Tsubota, Xuan Zou, Hui Li, Kyu Hyung Park, Y. Miyake, T. Iwata, Se Joon Woo†, Ruifang Sui†, K. Fujinami*†
*joint first authors †joint corresponding authors
(Tokyo, Aichi & Mie, Japan; Osaka, Japan; Beijing & Chongqing, China; Seongnam, South Korea; London, UK)

9.21 A family with a spectrum of occult macular dystrophy possibly caused by a novel RP1L1 mutation (S1207F)
K. Gocho, K. Shinoda, K. Fujinami, K. Tsunoda, H. Takahashi, S. Kameya (Chiba & Tokyo, Japan)

9.22 Cone dysfunction with normal fundus in two asthmatic patients T. Hirakata, A. Murakami (Tokyo, Japan)

9.23 A cone dystrophy in a patient with a lupus syndrome: an auto-immune retinopathy?
A.-L. Vie, H. Janin, L. Abouaf (Lyon, France)

9.24 KCNV2-retinopathy diagnosed with full field ERG: a case report
P. Sustronck, D.-T. Nguyen, I. Audo (Paris, France)

9.25 New LRAT mutation and long term follow up in a fundus albipunctatus patient M. Leys, S. Fish, A. Sisler, J.V. Odom (Morgantown, West Virginia, USA)

9.26 Expansion of clinical spectrum of Oguchi disease
C.A. Tawfik, N.I. Khater (Cairo & Giza, Egypt)

9.27 Oguchi disease: report of a case
Z. Seyed, S. Mohand-Said, A.-V. Maillard, A. Antonio, C. Condroyer, J.-A. Sahel, C. Zeitz, I. Audo
(Paris, France; Pittsburgh, PA, USA)

Coffee (15:00-15:30)

Friday 22nd June 2018, 15:30–16:15

Session 10: Paper Session — ABCA4-associated retinopathy (Stargardt)

Chairs: Pr Carl Arndt, Pr A Patrizia Tormene

15:30 **10.01 Spatial characteristics in retinal dysfunction of ABCA4-associated retinal disorder in West China**
Shi Ying Li, Xiao Liu, Xiao Hong Meng, K. Fujinami, Zheng Qin Yin
(Chongqing, China; Tokyo, Japan; London, UK)

15:45 **10.02 A prospective natural history study of ABCA4-related retinopathy: electroretinogram results**
B.G. Jeffrey, W. Zein, C.A. Cukras, L. Huryn, A. Turriff, B.P. Brooks (Bethesda, Maryland, USA)

16:00 **10.03 Clinical and genetic characteristics of East Asian patients with Stargardt disease: EAStar Report No. 1**
K. Fujinami*†, Xiao Liu*, Kwangsic Joo*, K. Tsunoda, T. Hayashi, K. Shinoda, A. Mizota, M. Kondo, K. Kuniyoshi, Y. (Yokokawa) Fujinami, Lizhu Yang, G. Arno, T. Kurihara, K. Tsubota, Y. Miyake, Ya L, Kyu Hung Park, Dae Joong Ma, Hyeong Gon Yu, Bo Lei, T. Iwata, Se Joon Woo†, Shi Ying Li†

William Dawson Memorial Lecture

Is electrophysiology necessary for the diagnosis of inherited retinal dystrophies at the time of multimodal imaging?

Professor Isabelle Meunier
Centre national de référence Affections sensorielles génétiques, Montpellier, France

Townhall reception (18:30-19:30)

Hotel de Ville (location n°2 on the general information page)

Saturday 23rd June 2018, 08:00–09:30

Session 11: Paper Session — Methods & innovation III: retina and ERG

Chairs: Pr Mineo Kondo, Pr Yin Zhengqin

- 8:00 **11.01 Impact of gaze and electrode position on ERG morphology** M. Gauthier*, M. Gauvin*, M. Sustar, M. Hawlina, J.-M. Lina, P. Lachapelle
*These authors contributed equally to the study
(Montréal, Québec, Canada)
- 8:15 **11.02 Comparison of the pattern ERG and uniform field ERG in humans** S.G. Coupland, L. Kantungane, R. Karanjia, J. Brownstein (Ottawa, ON, Canada)
- 8:30 **11.03 Little effect of 0.01% atropine eye drops on the PERG** L.M. Anders, L. Joachimsen, W.A. Lagrèze, S.P. Heinrich (Freiburg, Germany)
- 8:45 **11.04 Effect of atropine on human multifocal electroretinogram responses to defocus**
S. Khanal, P.R.K. Turnbull, N. Lee, J.R. Phillips
(New Zealand; Taichung, Taiwan)
- 9:00 **11.05 Muscle activity as a symptom of photophobia in the ERG signal** R. Tzekov, D. Drucker (Tampa, FL, USA)
- 9:15 **11.06 Corneal potential maps recorded from healthy human eyes**
J.R. Hetling, S. Patangay, B.E. Kunzer, A.N. Selner, S. Thongpang, Z. Derafshi (Chicago & Madison, USA)

Saturday 23rd June 2018, 11:30–13:00

Session 12: Paper Session — Electrophysiology along the optic pathway

Chairs: Pr Colin Barber, Dr Nathalie Guépratte

- 11:30 **12.01 Visual evoked potentials in patients with inherited optic neuropathy**
C. Arndt, R. Blakime, F. Gayté, M.T. Nguyen, F. Rebelo, A. Denoyer (Reims, France)
- 11:45 **12.02 Photopic negative responses (PhNR) of patients with mild traumatic brain injury (mTBI)**
S. Viswanathan, R. Al-Abdalla, N. Joshi
(New York, NY, USA)
- 12:00 **12.03 Structure-function relationship in glaucoma suspect and early open angle glaucoma**
A. Shehab, H. Elzambily, A. Oriby, A. Fouad
(Minya, Egypt)
- 12:15 **12.04 Which ERG measures identify ganglion cell deficits? A study of uniocular optic nerve hypoplasia (ONH)**
D.L. McCulloch, B. Brown, P. Garcia-Filion, M.S. Borchert (Waterloo, Canada; Los Angeles, CA & Phoenix, AZ USA; Phoenix, AZ, USA)
- 12:30 **12.05 Toward a more sensitive method to detect chiasmal misrouting** G.C. de Wit, C.C. Kruijt, M.M. van Genderen (Zeist, The Netherlands)
- 12:45 **12.06 Acuity VEP: The potential for machine learning**
M. Bach, S.P. Heinrich (Freiburg, Germany)

LUNCH (13:00-14:00)

Saturday 23rd June 2018, 14:00–15:00

Emiko Adachi Lecture

My adventures on the way to multifocal electrophysiology
Professor Erich Sutter

Membership meeting (15:00)

Gala dinner (19:00)

Palais du Tau (location n°3 on the general information page)

End of the meeting