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研究成果の刊行物・別刷

- 1) Oie Y, Nishida K. Triple procedure: cataract extraction, intraocular lens implantation, and corneal graft. *Curr Opin Ophthalmol.* 2017; 28: 63–66.
- 2) Oie Y, Watanabe S, Nishida K. Evaluation of visual quality in patients with Fuchs endothelial corneal dystrophy. *Cornea* 2016; 35: S55–58.
- 3) 4. Koh S, Ikeda C, Fujimoto H, Oie Y, Soma T, Maeda N, Nishida K. Regional differences in tear film stability and meibomian gland in patients with aqueous-deficient dry eye. *Eye Contact Lens.* 2016; 42: 250–5.
- 4) Fujimoto H, Maeda N, Shintani A, Nakagawa T, Fuchihata M, Higashiura R, Nishida K. Quantitative Evaluation of the Natural Progression of Keratoconus Using Three-Dimensional Optical Coherence Tomography. *Investigative ophthalmology & visual science* 2016;57(9):OCT169–175.
- 5) Hayashi R, Ishikawa Y, Sasamoto Y, Katori R, Nomura N, Ichikawa T, Araki S, Soma T, Kawasaki S, Sekiguchi K, Quantock AJ, Tsujikawa M, Nishida K. Co-ordinated ocular development from human iPS cells and recovery of corneal function. *Nature* 2016;531(7594):376–380.
- 6) Oie Y, Watanabe S, Nishida K. Evaluation of Visual Quality in Patients With Fuchs Endothelial Corneal Dystrophy. *Cornea* 2016;35 Suppl 1:S55–S58.
- 7) Oshika T, Nishida K, Sotozono C, Saika S, Fukushima A, Hori Y. "Toward a Bright Future for Corneal Research and Practice in Japan and Abroad," 21st Annual Meeting of the Kyoto Cornea Club, November 27 and 28, 2015. *Cornea* 2016;35 Suppl 1:S1–S2.
- 8) Oya F, Soma T, Oie Y, Nakao T, Koh S, Tsujikawa M, Maeda N, Nishida K. Outcomes of photorefractive keratectomy instead of phototherapeutic keratectomy for patients with granular corneal dystrophy type 2. *Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv fur klinische und experimentelle Ophthalmologie* 2016;254(10):1999–2004.
- 9) Sasamoto Y, Hayashi R, Park SJ, Saito-Adachi M, Suzuki Y, Kawasaki S, Quantock AJ, Nakai K, Tsujikawa M, Nishida K. PAX6 Isoforms, along with Reprogramming Factors, Differentially Regulate the Induction of Cornea-specific Genes. *Scientific reports* 2016;6:20807.
- 10) Shimazaki J, Maeda N, Hieda O, Ohashi Y, Murakami A, Nishida K, Tsubota K, Japan Pellucid Marginal Corneal Degeneration Study G. National survey of pellucid marginal corneal degeneration in Japan. *Japanese journal of ophthalmology* 2016;60(5):341–348.
- 11) Nakamura T, Inatomi T, Sotozono C, Koizumi N, Kinoshita S. Ocular surface reconstruction using stem cell and tissue engineering. *Progress in retinal and eye research* 2016;51:187–207.
- 12) Li X, Qian H, Sogame R, Hirako Y, Tsuruta D, Ishii N, Koga H, Tsuchisaka A, Jin Z, Tsubota K, Fukumoto A, Sotozono C, Kinoshita S, Hashimoto T. Integrin beta4 is a major target antigen in pure ocular mucous membrane pemphigoid. *European journal of dermatology : EJD* 2016;26(3):247–253.

- 13) Kitazawa K, Hikichi T, Nakamura T, Sotozono C, Kinoshita S, Masui S. PAX6 regulates human corneal epithelium cell identity. *Experimental eye research* 2016;154:30–38.
- 14) Inoue T, Hara Y, Kobayashi T, Zheng X, Suzuki T, Shiraishi A, Ohashi Y. Corona sign: manifestation of peripheral corneal epithelial edema as a possible marker of the progression of corneal endothelial dysfunction. *Japanese journal of ophthalmology* 2016;60(5):349–356.
- 15) himazaki J, Maeda N, Hieda O, Ohashi Y, Murakami A, Nishida K, Tsubota K, Japan Pellucid Marginal Corneal Degeneration Study G. National survey of pellucid marginal corneal degeneration in Japan. *Japanese journal of ophthalmology* 2016;60(5):341–348.
- 16) Shimazaki J, Maeda N, Hieda O, Ohashi Y, Murakami A, Nishida K, Tsubota K, Japan Pellucid Marginal Corneal Degeneration Study G. National survey of pellucid marginal corneal degeneration in Japan. *Japanese journal of ophthalmology* 2016;60(5):341–348.
- 17) Kawashima M, Hiratsuka Y, Nakano T, Tamura H, Ono K, Murakami A, Inoue S, Tsubota K, Yamada M. The association between legal Japanese visual impairment grades and vision-related quality of life. *Japanese journal of ophthalmology* 2016;60(3):219–225.
- 18) Yamaguchi T, Higa K, Suzuki T, Nakayama N, Yagi-Yaguchi Y, Dogru M, Satake Y, Shimazaki J. Elevated Cytokine Levels in the Aqueous Humor of Eyes With Bullous Keratopathy and Low Endothelial Cell Density. *Investigative ophthalmology & visual science* 2016;57(14):5954–5962.
- 19) Shimazaki J, Maeda N, Hieda O, Ohashi Y, Murakami A, Nishida K, Tsubota K, Japan Pellucid Marginal Corneal Degeneration Study G. National survey of pellucid marginal corneal degeneration in Japan. *Japanese journal of ophthalmology* 2016;60(5):341–348.
- 20) Ishii N, Yamaguchi T, Yazu H, Satake Y, Yoshida A, Shimazaki J. Factors associated with graft survival and endothelial cell density after Descemet's stripping automated endothelial keratoplasty. *Scientific reports* 2016;6:25276.
- 21) Suzuki T, Morishige N, Arita R, Koh S, Sakimoto T, Shirakawa R, Miyata K, Ohashi Y. Morphological changes in the meibomian glands of patients with phlyctenular keratitis: a multicenter cross-sectional study. *BMC ophthalmology* 2016;16(1):178.
- 22) Ono T, Mori Y, Nejima R, Tokunaga T, Miyata K, Amano S. Long-term follow-up of transplantation of preserved limbal allograft and amniotic membrane for recurrent pterygium. *Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv fur klinische und experimentelle Ophthalmologie* 2016;254(12):2425–2430.
- 23) Hasegawa Y, Nejima R, Mori Y, Sakisaka T, Minami K, Miyata K, Oshika T. Risk factors for corneal endothelial cell loss by cataract surgery in eyes with pseudoexfoliation syndrome. *Clinical ophthalmology* 2016;10(1685–1689).
- 24) Nakano T, Kawashima M, Hiratsuka Y, Tamura H, Ono K, Murakami A, Tsubota K, Yamada M. Assessment of quality of life in patients with visual impairments using a new visual function questionnaire: the VFQ-J11. *Clinical ophthalmology* 2016;10:1939–1944.

- 25) Kawashima M, Hiratsuka Y, Nakano T, Tamura H, Ono K, Murakami A, Inoue S, Tsubota K, Yamada M. The association between legal Japanese visual impairment grades and vision-related quality of life. *Japanese journal of ophthalmology* 2016;60(3):219–225.
- 26) Tano T, Ono K, Hiratsuka Y, OtaniK, Sekiguchi M, Konno S, Kikuchi S, Onishi Y, Takegami M, Yamada M, Fukuvara S, Murakami A. Retinal vessel diameters in a Japanese population: the Locomotive Syndrome and Health Outcome in Aizu Cohort Study. *Acta Ophthalmol.* 2016;94:e432–41.
- 27) Shigeyasu C, Yamada M, Akune Y, Fukui M. Diquafosol for Contact Lens Dryness: Clinical Evaluation and Tear Analysis. *Optom Vis Sci.* 2016;93:973–8.
- 28) Tsuda M, Takano Y, Shigeyasu C, Imoto S, Yamada M. Abnormal Corneal Lesions Induced by Trastuzumab Emtansine: An Antibody–Drug Conjugate for Breast Cancer. *Cornea.* 2016;35:1378–80.
- 29) Shigeyasu C, Yamada M, Akune Y. Influence of Ophthalmic Solutions on Tear Components. *Cornea.* 2016;35 Suppl: S71 –S77.
- 30) Tsubota K, Yokoi N, Shimazaki J, Watanabe H, Dogru M, Yamada M, Kinoshita S, Kim HM, Tchah HW, Hyon JY, Yoon KC, Seo KY, Sun X, Chen W, Liang L, Mingwu L, Liu Z. New Perspectives on Dry Eye Definition and Diagnosis: A Consensus Report by the Asia Dry Eye Society. *Ocul Surf.* 2017;15:65–76.
- 31) Kawashima M, Yamada M, Suwaki K, Shigeyasu C, Uchino M, Hiratsuka Y, Yokoi N, Tsubota K, the DECS-J Study Group. A clinic-based survey of clinical characteristics and practice pattern of dry eye in Japan. *Adv Ther.* 2017;34:732–743.
- 32) Yamaguchi M, Shima N, Kimoto M, Ebihara N, Murakami A, Yamagami S. Optimization of Cultured Human Corneal Endothelial Cell Sheet Transplantation and Post-Operative Sheet Evaluation in a Rabbit Model. *Curr Eye Res.* 2016 Feb 1:1–7.
- 33) Nakamura T, Yokoo S, Bentley AJ, Nagata M, Fullwood NJ, Inatomi T, Sotozono C, Yamagami S, Kinoshita S. Development of functional human oral mucosal epithelial stem/progenitor cell sheets using a feeder-free and serum-free culture system for ocular surface reconstruction. *Scientific reports* 2016;6:37173.
- 34) Toyono T, Usui T, Villarreal G, Jr., Kallay L, Matthaei M, Vianna LM, Zhu AY, Kuroda M, Amano S, Jun AS. MicroRNA-29b Overexpression Decreases Extracellular Matrix mRNA and Protein Production in Human Corneal Endothelial Cells. *Cornea* 2016;35(11):1466–1470.
- 35) Taketani Y, Usui T, Toyono T, Shima N, Yokoo S, Kimakura M, Yamagami S, Ohno S, Onodera R, Tahara K, Takeuchi H, Kuroda M. Topical Use of Angiopoietin-like Protein 2 RNAi-loaded Lipid Nanoparticles Suppresses Corneal Neovascularization. *Molecular therapy Nucleic acids* 2016;5:e292.
- 36) Hayashi T, Usui T, Yamagami S. Suppression of Allograft Rejection with Soluble VEGF Receptor 2 Chimeric Protein in a Mouse Model of Corneal Transplantation. *The Tohoku journal of experimental medicine* 2016;239(1):81–88.

- 37) Akiyama-Fukuda R, Usui T, Yoshida T, Yamagami S. Evaluation of Tear Meniscus Dynamics Using Anterior Segment Swept-Source Optical Coherence Tomography After Topical Solution Instillation for Dry Eye. *Cornea* 2016;35(5):654–658.
- 38) Sasamoto Y, Hayashi R, Park SJ, Saito-Adachi M, Suzuki Y, Kawasaki S, Quantock AJ, Nakai K, Tsujikawa M, Nishida K. PAX6 Isoforms, along with Reprogramming Factors, Differentially Regulate the Induction of Cornea-specific Genes. *Scientific reports* 2016;6(20807).
- 39) Kitazawa K, Hikichi T, Nakamura T, Mitsunaga K, Tanaka A, Nakamura M, Yamakawa T, Furukawa S, Takasaka M, Goshima N, Watanabe A, Okita K, Kawasaki S, Ueno M, Kinoshita S, Masui S. OVOL2 Maintains the Transcriptional Program of Human Corneal Epithelium by Suppressing Epithelial-to-Mesenchymal Transition. *Cell reports* 2016;15(6):1359–1368.
- 40) Hayashi R, Ishikawa Y, Sasamoto Y, Katori R, Nomura N, Ichikawa T, Araki S, Soma T, Kawasaki S, Sekiguchi K, Quantock AJ, Tsujikawa M, Nishida K. Co-ordinated ocular development from human iPS cells and recovery of corneal function. *Nature* 2016;531(7594):376–380.
- 41) Fukuoka H, Kawasaki S, Yokoi N, Yamasaki K, Kinoshita S. Cytopathological Features of a Severe Type of Corneal Intraepithelial Neoplasia. *Case reports in ophthalmology* 2016;7(1):253–261.