

[IV]

研究成果の刊行に関する一覧表

- 1) Winegarner A, Oie Y, Kawasaki S, Nishida N, Nishida K. Novel PAX6 mutation reported in an aniridia patient., Hum Genome Var., 2017 Dec 7;4:17053., doi: 10.1038/hgv.2017.53. eCollection 2017.
- 2) Iwama Y, Soma T, Maeda N, Sasamoto Y, Oie Y, Koh S, Nishida K. Factors Limiting the Visual Outcome After Descemet Stripping Automated Endothelial Keratoplasty: Comprehensive Analysis Including the Graft Position and Irregularity. Cornea. 2018;37(1):20-7. doi: 10.1097/ICO.0000000000001424.
- 3) Busch C, Koh S, Oie Y, Ichii M, Kanakura Y, Nishida K. Increased Corneal densitometry as a subclinical Corneal change associated with multiple myeloma. Eye (Lond). 2017;31(12):1745-6. doi: 10.1038/eye.2017.132.
- 4) Nagahara Y, Koh S, Oshita Y, Nagano T, Mano H, Nishida K, Watanabe H. Diquafosol Ophthalmic Solution Increases Pre- and Postlens Tear Film During Contact Lens Wear in Rabbit Eyes. Eye Contact Lens. 2017;43(6):378-82. doi: 10.1097/ICL.0000000000000283.
- 5) Soma T, Koh S, Maeda N, Mitomo K, Quantock AJ, Nishida K. New Graft Insertion Device for Descemet Stripping Automated Endothelial Keratoplasty. Cornea. 2017;36(11):1432-6. doi: 10.1097/ICO.0000000000001302.
- 6) Oie Y, Nishida K. Triple procedure: cataract extraction, intraocular lens implantation, and Corneal graft. Curr Opin Ophthalmol. 2017;28(1):63-6. DOI:10.1097/ICU.0000000000000337
- 7) 川崎 諭、西田幸二 無虹彩症の診断と治療の実際 新薬と臨床 J. New Rem. & Clin. Vol. 67 No. 3 2018 (総説)
- 8) Aketa N, Yamaguchi T, Asato T, Yagi-Yaguchi Y, Suzuki T, Higa K, Kurihara T, Satake Y, Tsubota K, Shimazaki J. Elevated Aqueous Cytokine Levels in Eyes With Ocular Surface Diseases. Am J Ophthalmol. 2017;184:42-51.
- 9) Katagiri S, Nishina S, Yokoi T, Mikami M, Nakayama Y, Tanaka M, Azuma N. Retinal structure and function in eyes with optic nerve hypoplasia. Sci Rep. 2017 Feb 16;7:42480. doi: 10.1038/srep42480.
- 10) Nishina S, Katagiri S, Nakazawa A, Kiyotani C, Yokoi T, Azuma N. Atypical intravitreal growth of retinoblastoma with a multi-branching configuration. Am J Ophthalmol Case Rep. 2017; 7: 4-8
- 11) Yoshida-Uemura T, Katagiri S, Yokoi T, Nishina S, Azuma N. Different foveal schisis patterns in each retinal layer in eyes with hereditary juvenile retinoschisis evaluated by en-face optical coherence tomography. Graefes Arch Clin Exp Ophthalmol. 2017 Apr;255(4): 719-723
- 12) Seko Y, Azuma N, Yokoi T, Kami D, Ishii R, Nishina S, Toyoda M, Shimokawa H, Umezawa A. Anteroposterior Patterning of Gene Expression in the Human Infant

- Sclera: Chondrogenic Potential and Wnt Signaling. *Curr Eye Res* 2017 Jan;42(1): 145-154
- 13) Ozawa H, Yamane M, Inoue E, Yoshida-Uemura T, Katagiri S, Yokoi T, Nishina S, Azuma N. Long-term surgical outcome of conventional trabeculotomy for childhood glaucoma. *Jpn J Ophthalmol*, 2017 Mar 16. doi: 10.1007/s10384-017-0506-0. [Epub ahead of print]
- 14) Tahakashi M, Yokoi T, Katagiri S, Yoshida-Uemura T, Nishina, S, Azuma N. Surgical treatments for fibrous tissue extending to the posterior retina in eyes with familial exudative vitreoretinopathy. *Jpn J Ophthalmol*, 2017 Nov 3. doi: 10.1007/s10384-017-0547-4. [Epub ahead of print]
- 15) Yokoi T, Katagiri S, Hiraoka M, Nakayama Y, Hosono K, Hotta Y, Nishina S, Azuma N. Atypical form of retinopathy of prematurity with severe fibrovascular proliferation in the optic disc region. *Retina*, 2017 Aug 9. doi: 10.1097/IAE.0000000000001779. [Epub ahead of print]
- 16) Katagiri S, Yokoi T, Yoshida-Uemura T, Nishina S, Azuma N. Characteristics of retinal breaks and surgical outcomes in rhegmatogenous retinal detachment in familial exudative vitreoretinopathy. *Ophthalmology Retina*, 2017, in press
- 17) 吉田 朋世、仁科 幸子、萬束 恭子、赤池 祥子、越後貫 滋子、横井 匠、東 範行：乳児内斜視早期手術後の両眼視機能. *眼臨紀* 10 (1): 58-63, 2017.
- 18) Kasuga T, Aruga F, Ono K, Hiratsuka Y, Murakami A. Visual impairment as an independent risk factor for falls in hospitalized patients. *Can J Ophthalmol*. 2017 Dec;52(6):559-563. doi: 10.1016/j.jcjo.2017.04.010. Epub 2017 Jun 23.
- 19) Iwatake A, Murakami A, Ebihara N. The expression of matrix metalloproteinases and their inhibitors in corneal fibroblasts by alarmins from necrotic corneal epithelial cells. *Jpn J Ophthalmol*. 2017 Nov 1. doi: 10.1007/s10384-017-0541-x. [Epub ahead of print]
- 20) Iwamoto S, Koga T, Ohba M, Okuno T, Koike M, Murakami A, Matsuda A, Yokomizo T. Non-steroidal anti-inflammatory drug delays corneal wound healing by reducing production of 12-hydroxyheptadecatrienoic acid, a ligand for leukotriene B4 receptor 2. *Sci Rep*. 2017 Oct 16;7(1):13267. doi: 10.1038/s41598-017-13122-8.
- 21) Tabuchi N, Toshida H, Koike D, Odaka A, Suto C, Ohta T, Murakami A. Effect of Retinol Palmitate on Corneal and Conjunctival Mucin Gene Expression in a Rat Dry Eye Model After Injury. *Ocul Pharmacol Ther*. 2017 Jan/Feb;33(1):24-33. doi: 10.1089/jop.2015.0161. Epub 2016 Dec 23.
- 22) Inomata T, Ono K, Matsuba T, Shiang T, Di Zazzo A, Nakatani S, Yamaguchi M, Ebihara N, Murakami A. Pre-banking microbial contamination of donor conjunctiva and storage medium for penetrating keratoplasty. *Jpn J Ophthalmol*. 2017 Jun 8. doi: 10.1007/s10384-017-0521-1. [Epub ahead of print]

- 23) Toshida H, Funaki T, Ono K, Tabuchi N, Watanabe S, Seki T, Otake H, Kato T, Ebihara N, Murakami A. Efficacy and safety of retinol palmitate ophthalmic solution in the treatment of dry eye: a Japanese Phase II clinical trial. *Drug Des Devel Ther.* 2017 Jun 23;11:1871–1879. doi: 10.2147/DDT.S137825. eCollection 2017.
- 24) Nakatani S, Murakami A. Descemet stripping automated endothelial keratoplasty using corneas from elderly donors. *Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv fur klinische und experimentelle Ophthalmologie* 2017;255(1):209–210.
- 25) Arai R, Usui-Ouchi A, Ito Y, Mashimo K, Murakami A Ebihara N. Effects of Secreted Mast Cell Mediators on Retinal Pigment Epithelial Cells: Focus on Mast Cell Tryptase. *Mediat Inflamm.* 2017; 2017:3124753. 2017 Jun. [Epub ahead of print] (IF: 3.232)
- 26) Ohta T, Ichikawa K, Matsuzaki Y, Toshida H, Murakami A. L-pocket scleral incision. *J Cataract Refract Surg.* (in press)
- 27) Hamada M, Ohkoshi K, Inagaki K, Ebihara N, Murakami A. Subthreshold Photocoagulation Using Endpoint Management in the PASCAL® System for Diffuse Diabetic Macular Edema. *J Ophthalmol.* 2018 Jan 31;2018:7465794. doi: 10.1155/2018/7465794. eCollection 2018.
- 28) Inomata T, Shiang T, Iwagami M, Sakemi F, Fujimoto K, Okumura Y, Ohno M, Murakami A. Changes in Distribution of Dry Eye Disease by the New 2016 Diagnostic Criteria from the Asia Dry Eye Society. *Sci Rep.* 2018 Jan 30;8(1):1918. doi: 10.1038/s41598-018-19775-3.
- 29) Hamada M, Ohkoshi K, Inagaki K, Ebihara N, Murakami A. Visualization of microaneurysms using optical coherence tomography angiography: comparison of OCTA en face, OCT B-scan, OCT en face, FA, and IA images. *Jpn J Ophthalmol.* 2018 Mar;62(2):168–175. doi: 10.1007/s10384-018-0570-0. Epub 2018 Jan 30. Erratum in: *Jpn J Ophthalmol.* 2018 Feb 24
- 30) Hamada M, Ohkoshi K, Inagaki K, Ebihara N, Murakami A. Correction to: Visualization of microaneurysms using optical coherence tomography angiography: comparison of OCTA en face, OCT B-scan, OCT en face, FA, and IA images. *Jpn J Ophthalmol.* 2018 Mar;62(2):176–178. doi: 10.1007/s10384-018-0577-6.
- 31) Takei M, Obana A, Inomata T, Tanaka T, Shiang T, Bae Y, Takemura T, Murakami A. Fundus changes in type III membranoproliferative glomerulonephritis: a case report. *BMC Ophthalmol.* 2018 Mar 6;18(1):72. doi: 10.1186/s12886-018-0738-x.
- 32) Kojima T, Simsek C, Igarashi A, Aoki K, Higa K, Shimizu T, Dogru M, Tsubota K, Shimazaki J. The Role of 2% Rebamipide Eye Drops Related to Conjunctival Differentiation in Superoxide Dismutase-1 (Sod1) Knockout Mice. *Invest Ophthalmol Vis Sci.* 2018 Mar 1;59(3):1675–1681.

- 33) Yazu H, Yamaguchi T, Aketa N, Higa K, Suzuki T, Yagi-Yaguchi Y, Satake Y, Abe T, Tsubota K, Shimazaki J. Preoperative Aqueous Cytokine Levels are Associated With Endothelial Cell Loss After Descemet's Stripping Automated Endothelial Keratoplasty. *Invest Ophthalmol Vis Sci.* 2018 Feb 1;59(2):612-620.
- 34) Kasai K, Kato N, Konomi K, Shinzawa M, Shimazaki J. Flattening effect of corneal cross-linking depends on the preoperative severity of keratoconus. *Medicine (Baltimore)*. 2017 Oct;96(40):e8160.
- 35) Shimizu E, Yamaguchi T, Tomida D, Yagi-Yaguchi Y, Satake Y, Tsubota K, Shimazaki J. Corneal Higher-order Aberrations and Visual Improvement Following Corneal Transplantation in Treating Herpes Simplex Keratitis. *Am J Ophthalmol.* 2017 Dec;184:1-10.
- 36) Aketa N, Yamaguchi T, Suzuki T, Higa K, Yagi-Yaguchi Y, Satake Y, Tsubota K, Shimazaki J. Iris Damage Is Associated With Elevated Cytokine Levels in Aqueous Humor. *Invest Ophthalmol Vis Sci.* 2017 May 1;58(6):BI042-BI051.
- 37) Yazu H, Yamaguchi T, Dogru M, Satake Y, Tsubota K, Shimazaki J. Decreased Visual Acuity by an Irregular Corneal Posterior Surface After Repeat Descemet Stripping Automated Endothelial Keratoplasty. *Eye Contact Lens.* 2017 May 16. doi: 10.
- 38) Shimazaki J, Den S, Saga M, Fukagawa K, Sakata M, Iwasaki M, Okano T. A Prospective, Randomized Trial of Two Mucin Secretagogues for the Treatment of Dry Eye Syndrome in Office Workers. *Sci Rep.* 2017 Nov 9;7(1):15210.
- 39) 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, Li M, Liu Z, Asia Dry Eye S. New Perspectives on Dry Eye Definition and Diagnosis: A Consensus Report by the Asia Dry Eye Society. *The ocular surface* 2017;15(1):65-76.
- 40) Yamaguchi T, Shimizu E, Yagi-Yaguchi Y, Tomida D, Satake Y, Shimazaki J. A Novel Entity of Corneal Diseases with Irregular Posterior Corneal Surfaces: Concept and Clinical Relevance. *Cornea.* 2017 Nov;36 Suppl 1:S53-S59.
- 41) Yagi-Yaguchi Y, Yamaguchi T, Higa K, Suzuki T, Aketa N, Dogru M, Satake Y, Shimazaki J. Association between corneal endothelial cell densities and elevated cytokine levels in the aqueous humor. *Sci Rep.* 2017 Oct 19;7(1):13603.
- 42) Yagi-Yaguchi Y, Yamaguchi T, Higa K, Suzuki T, Yazu H, Aketa N, Satake Y, Tsubota K, Shimazaki J. Preoperative Aqueous Cytokine Levels Are Associated With a Rapid Reduction in Endothelial Cells After Penetrating Keratoplasty. *Am J Ophthalmol.* 2017 Sep;181:166-173.
- 43) Hayashi T, Yamaguchi T, Yuda K, Kato N, Satake Y, Shimazaki J. Topographic characteristics after Descemet' s membrane endothelial keratoplasty and Descemet' s stripping automated endothelial keratoplasty. *PLoS One.* 2017 Nov 30;12(11):e0188832.

- 44) Higa K, Satake Y, Shimazaki J. The characterization of human oral mucosal fibroblasts and their use as feeder cells in cultivated epithelial sheets. Future Sci OA. 2017 Sep 6;3(4):FS0243.
- 45) Oshika T, Ando H, Inoue Y, Eguchi S, Sato Y, Sugita T, Nishimura T, Hayashi K, Fujita Y, Miyata A, Sasaki N, Miyata K: Influence of surface light scattering and glistenings of intraocular lenses on visual function 15 to 20 years after surgery. J Cataract Refract Surg 44(2):219–225, 2018
- 46) Ono T, Iida M, Mori Y, Nejima R, Iwasaki T, Amano S, Miyata K: Outcomes of bee sting injury: comparison of hornet and paper wasp. Jpn J Ophthalmol 62(2):221–225 2018
- 47) Ono T, Iida M, Sakisaka T, Minami K, Miyata K: Effect of laser peripheral iridotomy using argon and neodymium-YAG lasers on corneal endothelial cell density: 7-year longitudinal evaluation. Jpn J Ophthalmol 62(2):216–220, 2018
- 48) Oshika T, Inamura M, Inoue Y, Ohashi T, Sugita T, Fujita Y, Miyata K, Nakano S: Incidence and Outcomes of Repositioning Surgery to Correct Misalignment of Toric Intraocular Lenses. Ophthalmology 125(1):31–35 2018
- 49) Ono T, Nejima R, Iwasaki T, Mori Y, Noguchi Y, Yagi A, Hanaki H, Miyata K: Long-term effects of cataract surgery with topical levofloxacin on ocular bacterial flora. J Cataract Refract Surg 43(9):1129–1134, 2017
- 50) Ono T, Iwasaki T, Miyata K: Fungal Keratitis After Boston Keratoprosthesis. JAMA Ophthalmol 135(10):e173272, 2017
- 51) Tin Aung, Mineo Ozaki, Mei Chin Lee, Ursula Schlötzer-Schrehardt, Gudmar Thorleifsson, Takanori Mizoguchi, et al: Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nat Genet 49(7):993–1004, 2017
- 52) Ohtani S, Shimizu K, Nejima R, Kagaya F, Aihara M, Iwasaki T, Shoji N, Miyata K: Conjunctival Bacteria Flora of Glaucoma Patients During Long-Term Administration of Prostaglandin Analog Drops. IOVS 58(10):3991–3996, 2017
- 53) Miyata K, Minami K, Otani A, B. Eng, Tokunaga T, Tokuda S, Amano S: Proposal for a Novel Severity Grading System for Pterygia Based on Corneal Topographic Data. Cornea 36(7):834–840 2017
- 54) Terada Y, Kamoi K, Ohno-Matsui K, Miyata K, Yamano C, Coler-Reilly A, Yamano Y: Treatment of rheumatoid arthritis with biologics may exacerbate HTLV-1-associated conditions. Medicine 96(6):e6021, 2017
- 55) Shigeyasu C, Yamada M, Akune Y, Fukui M. The Effect of Rebamipide Ophthalmic Suspension on Ocular Surface Mucins in Soft Contact Lens Wearers. Contact Lens Ant Eye. 2017 Dec 13. doi: 10.1016/j.clae.2017.12.016. [Epub ahead of print]
- 56) 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(3):732–743.
- 57) Vu CHV, Kawashima M, Yamada M, Suwaki K, Uchino M, Shigeyasu C, Hiratsuka Y, Yokoi N, Tsubota K; Dry Eye Cross-Sectional Study in Japan Study Group. Influence of Meibomian Gland Dysfunction and Friction-Related Disease on the Severity of Dry Eye. *Ophthalmology*. 2018 Feb 16. doi: 10.1016/j.ophtha.2018.01.025. [Epub ahead of print]
- 58) Niihata K, Fukuma S, Hiratsuka Y, Ono K, Yamada M, Sekiguchi M, Otani K, Kikuchi S, Konno S, Fukuhara S. Association between vision-specific quality of life and falls in community-dwelling older adults: LOHAS. *PLoS One*. 2018;13: e0195806.
- 59) Nagamoto T, Mizuno Y, Shigeyasu C, Mizuno Y, Fukui M, Yamada M. Conjunctival eosinophilic masses with chronic eosinophilic pneumonia. *Cornea* (in press).
- 60) Akune Y, Yamada M, Shigeyasu C. Determination of 5-Fluorouracil and Tegafur in Tear Fluid of Patients Treated with Oral Fluoropyrimidine Anticancer Agent, S-1. *Jpn J Ophthalmol* (in press)
- 61) 朝井知佳子、小川佳子、川島素子、平塚義宗、山田昌和. 視覚障害の疾病負担についての検討：両眼性と片眼性の比較. *眼臨紀要* 2017;10(11):891–896.
- 62) 名畑浩昌、秋山陽一、重安千花、新崎賢一、山田昌和、平形明人. スリットランプ型スペキュラーマイクロスコープを用いた角膜内皮の評価. *あたらしい眼科* 2017;34(10):1450–1454
- 63) Koizumi N, Miyazaki D, Inoue T, Ohtani F, Kandori-Inoue M, Inatomi T, Sotozono C, Nakagawa H, Horikiri T, Ueta M, Nakamura T, Inoue Y, Ohashi Y, Kinoshita S. The effect of topical application of 0.15% ganciclovir gel on cytomegalovirus corneal endotheliitis. *Br J Ophthalmol*. 101(2):114–119, 2017.
- 64) Yoshikawa H, Sotozono C, Ikeda Y, Mori K, Ueno M, Kinoshita S. Long-Term Clinical Course in Eyes With Peters Anomaly. *Cornea*. 36(4):448–451, 2017.
- 65) Kitazawa K, Sotozono C, Koizumi N, Nagata K, Inatomi T, Sasaki H, Kinoshita S. Safety of anterior chamber paracentesis using a 30-gauge needle integrated with a specially designed disposable pipette. *Br J Ophthalmol*. 101(5):548–550, 2017.
- 66) Kitazawa K, Kayukawa K, Wakimasu K, Yokota I, Inatomi T, Hieda O, Mori K, Sotozono C, Kinoshita S. Cystoid Macular Edema after Descemet's Stripping Automated Endothelial Keratoplasty. *Ophthalmology*. 124(4):572–573, 2017.
- 67) Kitazawa K, Hikichi T, Nakamura T, Sotozono C, Kinoshita S, Masui S. PAX6 regulates human corneal epithelium cell identity. *Exp Eye Res*. 154:30–38, 2017.
- 68) Motozawa N, Nakamura T, Takagi S, Fujihara M, Hirami Y, Ishida K, Sotozono C, Kurimoto Y. Unique circumferential peripheral keratitis in relapsing polychondritis: A case report. *Medicine (Baltimore)*. 96(41):e7951, 2017.

- 69) Maruyama Y, Ikeda Y, Yokoi N, Mori K, Kato H, Ueno M, Kinoshita S, Sotozono C. Severe Corneal Disorders Developed After Brimonidine Tartrate Ophthalmic Solution Use. *Cornea*. 36(12):1567–1569, 2017.
- 70) Tanaka H, Okumura N, Koizumi N, Sotozono C, Sumii Y, Kinoshita S. Panoramic view of human corneal endothelial cell layer observed by a prototype slit-scanning wide-field contact specular microscope. *Br J Ophthalmol*. 101(5):655–659, 2017.
- 71) Naito T, Namiguchi K, Yoshikawa K, Miyamoto K, Mizoue S, Kawashima Y, Shiraishi A, Shiraga F. Factors affecting eye drop instillation in glaucoma patients with visual field defect. *PLoS One*. 2017;12(10):e0185874.
- 72) Zhang Y, Kao WW, Hayashi Y, Zhang L, Call M, Dong F, Yuan Y, Zhang J, Wang YC, Yuka O, Shiraishi A, Liu CY. Generation and Characterization of a Novel Mouse Line, Keratocan-rtTA (KeraRT), for Corneal Stroma and Tendon Research. *Invest Ophthalmol Vis Sci*. 2017;58(11):4800–4808.
- 73) Joko T, Shiraishi A, Kobayashi T, Ohashi Y, Higashiyama S. Mechanism of Proliferation of Cultured Human Corneal Endothelial Cells. *Cornea*. 2017;36 Suppl 1:S41–S45.
- 74) Nishida K, Sotozono C, Yamagami S, Shiraishi A, Saika S, Fukushima A, Hori Y. "Progress in Corneal Research and Practice in Japan and Abroad," 22nd Annual Meeting of the Kyoto Cornea Club, November 25 and 26, 2016. *Cornea*. 2017;36 Suppl 1:S1–S2.
- 75) Takezawa Y, Suzuki T, Shiraishi A. Observation of Retrocorneal Plaques in Patients With Infectious Keratitis Using Anterior Segment Optical Coherence Tomography. *Cornea*. 2017;36(10):1237–1242.
- 76) Hara Y, Shiraishi A, Sakane Y, Takezawa Y, Kamao T, Ohashi Y, Yasunaga S, Sugahara T. Effect of Mandarin Orange Yogurt on Allergic Conjunctivitis Induced by Conjunctival Allergen Challenge. *Invest Ophthalmol Vis Sci*. 2017;58(7):2922–2929.
- 77) Ikegawa Y, Shiraishi A, Hayashi Y, Ogimoto A, Ohashi Y. In Vivo Confocal Microscopic Observations of Vortex Keratopathy in Patients with Amiodarone-Induced Keratopathy and Fabry Disease. *Journal of Ophthalmology* Volume 2018, Article ID 5315137, 7 pages.
- 78) Taketani Y, Kitamoto K, Sakisaka T, Kimakura M, Toyono T, Yamagami S, Amano S, Kuroda M, Moore T, Usui T, Ouchi Y. Repair of the TGFBI gene in human corneal keratocytes derived from a granular corneal dystrophy patient via CRISPR/Cas9-induced homology-directed repair. *Sci Rep* 7: 16713, 2017
- 79) Aixinjueluo W, Usui T, Miyai T, Toyono T, Sakisaka T, Yamagami S. Accelerated transepithelial corneal cross-linking for progressive keratoconus: a prospective study of 12 months. *Br J Ophthalmol* 101; 1244–1249, 2017
- 80) Kim EC, Toyono T, Berlinicke CA, Zack DJ, Jurkunas U, Usui T, Jun AS. Screening

and characterization of drugs that protect corneal endothelial cells against unfolded protein response and oxidative stress. Invest Ophthalmol Vis Sci 58; 892–900, 2017

- 81) Hashimoto Y, Yokoo S, Usui T, Tsubota Y, Yamagami S. High permeability and intercellular space widening with brimonidine tartrate eye drops in cultured stratified human corneal epithelial sheets. Cornea 37; 242–247, 2018
- 82) 西田栄美, 神宮司希和子, 古島大資, 山本尚子, 岩尾友秀, 山田知美:「EDC システムに依存しない動的データチェックが可能なソフトウェアの開発」JJMI 医療情報学会誌春季学術大会論文, 2018.