

研究成果の刊行に関する一覧表

1. Hara S, Kawasaki S, Yoshihara M, Winegarner A, Caleb B, Tsujikawa M, **Nishida K.** Transcription factor TFAP2B up-regulates human corneal endothelial cell-specific genes during corneal development and maintenance. *J Biol Chem.* 2019;294(7):2460-2469. doi: 10.1074/jbc.RA118.005527. Epub 2018 Dec 14.
2. Hara S, Tsujikawa M, Maruyama K, **Nishida K.** STAT3 signaling maintains homeostasis through a barrier function and cell survival in corneal endothelial cells. *Exp Eye Res.* 2019 Feb;179:132-141. doi: 10.1016/j.exer.2018.11.008. Epub 2018 Nov 12.
3. Koh S, Maeda N, Ogawa M, Asonuma S, Takai Y, Maruyama K, Klyce SD, **Nishida K.** Fourier Analysis of Corneal Irregular Astigmatism Due to the Anterior Corneal Surface in Dry Eye. *Eye Contact Lens.* 2019 May;45(3):188-194. doi:10.1097/ICL.0000000000000559.
4. Maeno S, Koh S, Ichii M, **Oie Y,** **Nishida K,** Kanakura Y. Prominent regression of corneal crystalline deposits in multiple myeloma after treatment with proteasome inhibitor. *Ann Hematol.* 2019 Mar;98(3):793-795. doi: 10.1007/s00277-019-03614-0. Epub 2019 Jan 15.
5. Busch C, Koh S, **Oie Y,** Ichii M, Kanakura Y, **Nishida K.** In vivo confocal microscopy of multiple myeloma associated crystalline keratopathy. *Am J Hematol.* 2019 Jan;94(1):164. doi: 10.1002/ajh.25135. Epub 2018 Jul 23.
6. Soma T, Koh S, **Oie Y,** Maruyama K, Tsujikawa M, Kawasaki S, Maeda N, **Nishida K.** Clinical evaluation of a newly developed graft inserter (NS Endo-Inserter) for Descemet stripping automated endothelial keratoplasty. *Clin Ophthalmol.* 2018 Dec 21;13:43-48. doi: 10.2147/OPHTH.S182628. eCollection 2019.
7. Xu P, Kai C, Kawasaki S, Kobayashi Y, Yamamoto K, Tsujikawa M, Hayashi R, **Nishida K.** A New in Vitro Model of GDLD by Knocking Out. *Transl Vis Sci Technol.* 2018 Dec 21;7(6):30. doi: 10.1167/tvst.7.6.30. eCollection 2018 Nov.
8. **Nishida K,** **Sotozono C,** Yamagami S, **Shiraishi A,** Saika S, Fukushima A, Hori Y. "Progress in Corneal Research and Practice in Japan and Abroad": The 23rd Annual Meeting of the Kyoto Cornea Club, November 24 and 25, 2017. *Cornea.* 2018 Nov;37 Suppl 1:S37-S38. doi: 10.1097/ICO.0000000000001723.
9. Hosono K, Nishina S, Yokoi T, Katagiri S, Saito H, Kurata K, Miyamichi D, Hikoya A, Mizobuchi K, Nakano T, Minoshima S, Fukami M, Kondo H, Sato M, Hayashi T, **Azuma N,** Hotta Y. Molecular diagnosis of 34 Japanese families with Leber congenital amaurosis using targeted next generation sequencing. *Sci Rep.* 2018 May 29;8(1):8279. doi: 10.1038/s41598-018-26524-z.

10. Hirayama J, Alifu Y, Hamabe R, Yamaguchi S, Tomita J, Maruyama Y, Asaoka Y, Nakahama K, Tamaru T, Takamatsu K, Takamatsu N, Hattori A, Nishina S, Azuma N, Kawahara A, Kume K, Nishina H. The clock components Period2, Cryptochrome1a, and Cryptochrome2a function in establishing light-dependent behavioral rhythms and/or total activity levels in zebrafish. *Sci Rep*. 2019 Jan 9;196. doi: 10.1038/s41598-018-37879-8.
11. Yoshida T, Katagiri S, Yokoi T, Nishina S, Azuma N. Optical coherence tomography and video recording of a case of bilateral contractile peripapillary staphyloma. *Am J Ophthalmol Case Rep* 2019, 13: 66-69.
12. Kurata K, Hosono K, Hayashi T, Mizobuchi K, Katagiri S, Miyamichi D, Nishina S, Sato M, Azuma N, Nakano T, Hotta Y. X-linked retinitis pigmentosa in Japan: Clinical and genetic findings in male patients and female carriers. *Int J Mol Sci*. 2019, 20, 1518; doi:10.3390/ijms20061518
13. Inomata T, Nakamura M, Iwagami M, Shiang T, Yoshimura Y, Fujimoto K, Okumura Y, Eguchi A, Iwata N, Miura M, Hori S, Hiratsuka Y, Uchino M, Tsubota K, Dana R, Murakami A: Risk Factors for Severe Dry Eye Disease: Crowdsourced Research Using DryEyeRhythm. *Ophthalmology*. 2018 Dec 11. pii: S0161-6420(18)33109-9.
14. Hirakata T, Lee HC, Ohba M, Saeki K, Okuno T, Murakami A, Matsuda A, Yokomizo T: Dietary omega-3 fatty acids alter the lipid mediator profile and alleviate allergic conjunctivitis without modulating Th2 immune responses. *FASEB J*. 2019 Mar;33(3):3392-3403.
15. Inomata T, Iwagami M, Hiratsuka Y, Fujimoto K, Okumura Y, Shiang T, Murakami A: Maximum blink interval is associated with tear film breakup time: A new simple, screening test for dry eye disease. *Sci Rep*, 2018; 8(1): 13443.
16. 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; 8(1): 1918.
17. Inoue S, Kawashima M, Hiratsuka Y, Nakano T, Tamura H, Ono K, Murakami A, Tsubota K, Yamada M: Assessment of physical inactivity and locomotor dysfunction in adults with visual impairment. *Sci Rep*, 2018; 8(1): 12032.
18. 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*, 2018; 62(1): 92-100.
19. Ogawa M, Inomata T, Shiang T, Tsubota K, Murakami A: Method for selective quantification of immune and inflammatory cells in the cornea using flow cytometry. *J Biol Methods*, 2018; 5(4): e102.

20. Miyagawa Y, Murakami A, Ebihara: The proteolytic effect of mast cell tryptase to eotaxin-1/CCL11 center dot eotaxin-2/CCL24 and eotaxin-3/CCL26 produced by conjunctival fibroblasts. *Jpn J Ophthalmol*,2018; 63(2): 215-220
21. Yamaguchi T, Higa K, Tsubota K, Shimazaki J. Elevation of preoperative recipient aqueous cytokine levels in eyes with primary graft failure after corneal transplantation. *Mol Vis*. 2018;24:613-620.
22. Suzuki N, Yamaguchi T, Shibata S, Nagai T, Noma H, Tsubota K, Shimazaki J. Cytokine levels in the aqueous humor are associated with corneal thickness in eyes with bullous keratopathy. *Am J Ophthalmol*. 2018 Oct 11. pii: S0002-9394(18)30590-7. doi: 10.1016/j.ajo.2018.10.008.
23. Suzuki N, Yamaguchi T, Tomida D, Tsubota K, Shimazaki J. Impact of Corneal Higher-Order Aberrations on Visual Acuity After Deep Anterior Lamellar Keratoplasty in Treating Keratoconus. *Eye Contact Lens*. 2018 Oct 22. doi: 10.1097/ICL.0000000000000561.
24. Aketa N, Shinzawa M, Kawashima M, Dogru M, Okamoto S, Tsubota K, Shimazaki J. Efficacy of Plate Expression of Meibum on Tear Function and Ocular Surface Findings in Meibomian Gland Disease. *Eye Contact Lens*. 2018 Sep 21. doi: 10.1097/ICL.0000000000000535.
25. Shinzawa M, Dogru M, Den S, Ichijima T, Higa K, Kojima T, Seta N, Nomura T, Tsubota K, Shimazaki J. Epidermal Fatty Acid-Binding Protein: A Novel Marker in the Diagnosis of Dry Eye Disease in Sjögren Syndrome. *Int J Mol Sci*. 2018;19(11):3463;doi: 10.3390/ijms19113463.
26. Shinzawa M, Dogru M, Miyasaka K, Shimazaki J, Sekiryu T. Application of CASIA SS-1000 Optical Coherence Tomography Tear Meniscus Imaging in Testing the Efficacy of New Strip Meniscometry in Dry Eye Diagnosis. *Eye Contact Lens*. 2018 Sep;44 Suppl 1:S44-S49.
27. Shimizu E, Yamaguchi T, Tsubota K, Shimazaki J. Corneal Higher-Order Aberrations in Eyes With Corneal Scar After Traumatic Perforation. *Eye Contact Lens*. 2018 Jul 12. doi: 10.1097/ICL.0000000000000530.
28. 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*. 2018 Sep;44 Suppl 1:S249-S254.
29. Yazu H, Dogru M, Miyauchi J, Tanaka Y, Yamaguchi T, Den S, Satake Y, Tsubota K, Shimazaki J. Association of Epithelial Atypia With Recurrence After Surgical Excision in Conjunctival Papilloma. *Eye Contact Lens*. 2018 Sep;44 Suppl 1:S77-S81.

30. Ogawa M, Dogru M, Toriyama N, Yamaguchi T, Shimazaki J, Tsubota K. Evaluation of the Effect of Moist Chamber Spectacles in Patients With Dry Eye Exposed to Adverse Environment Conditions. *Eye Contact Lens*. 2018 Nov;44(6):379-383.
31. Ogawa M, Shinzawa M, Dogru M, Miyauchi J, Tanaka Y, Ogawa Y, Obata H, Tsubota K, Shimazaki J. Caruncular and Pericaruncular Sebaceous Gland Hyperplasia: A Report of 2 Cases and Literature Review. *Eye Contact Lens*. 2018 Sep;44 Suppl 1:S316-S319.
32. 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* 2018;41:357-361
33. Shigeyasu C, Yamada M, Aoki K, Ishii Y, Tateda K, Yaguchi T, Okajima Y, Hori Y. Metagenomic Analysis for Detecting *Fusarium solani* in a Case of Fungal Keratitis. *J Infect Chemother*. 2018;24:664-668
34. 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;125:1181-1188
35. 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(4):e0195806.
36. Nagamoto T, Mizuno Y, Shigeyasu C, Mizuno Y, Fukui M, Yamada M. Conjunctival eosinophilic masses with chronic eosinophilic pneumonia. *Cornea* 2018;37:1326-1327
37. kune Y, Yamada M, Shigeyasu C. etermination of 5-Fluorouracil and Tegafur in Tear Fluid of Patients Treated with Oral Fluoropyrimidine Anticancer Agent, S-1. *Jpn J Ophthalmol* 2018;62:432-437.
38. Kato M, Nitta K, Kano Y, Yamada M, Ishii N, Hashimoto T, Ohyama M. Case of phenylephrine hydrochloride-induced periorbital contact dermatitis with fulminant keratoconjunctivitis causing pseudomembrane formation. *J Dermatol*. 2018;45(2):e27-e28.
39. Shigeyasu C, Yamada M, Kawashima M, Suwaki K, Uchino M, Hiratsuka Y, Yokoi N, Tsubota K. Quality of Life Measures and Health Utility Values among Dry Eye Subgroups. *Health and Quality of Life Outcomes* 2018;16:170
40. Yaginuma S, Akune Y, Shigeyasu C, Takano Y, Yamada M. Tear Protein Analysis in Presumed Congenital Alacrima. *Clin Ophthalmol*. 2018;12:2591-2595.

41. Okumura N, Matsumoto D, Okazaki Y, Koizumi N, **Sotozono C**, Kinoshita S, Mori K. Wide-field contact specular microscopy analysis of corneal endothelium post trabeculectomy. *Graefes Arch Clin Exp Ophthalmol*. 256(4):751-757, 2018.
42. Kinoshita S, Koizumi N, Ueno M, Okumura N, Imai K, Tanaka H, Yamamoto Y, Nakamura T, Inatomi T, Bush J, Toda M, Hagiya M, Yokota I, Teramukai S, **Sotozono C**, Hamuro J. Injection of Cultured Cells with a ROCK. *N Engl J Med*. 378(11):995-1003,2018.
43. Kitazawa K, Wakimasu K, Kayukawa K, Sugimoto M, Nakai J, Weiss JJ, Ueno M, **Sotozono C**, Kinoshita S. Long-Term Outcome After Penetrating Keratoplasty in a Pedigree With the G177E Mutation in the UBIAD1 Gene for Schnyder Corneal Dystrophy. *Cornea*. 37(5):554-559,2018.
44. Noguchi A, Okumura N , **Sotozono C** , Kinoshita S. Effect of Posterior Corneal Vesicles on Corneal Endothelial Cell Density and Anisometropic Amblyopia. *Cornea*. 37(7):813-817,2018.
45. Okumura N , Kusakabe A , Koizumi N , Wakimasu K , Kayukawa K , Kondo M , Mori K , **Sotozono C** , Kinoshita S. Endothelial cell loss and graft survival after penetrating keratoplasty for laser iridotomy-induced bullous keratopathy . *Jpn J Ophthalmol* . 62(4): 438-442 , 2018 .
46. Zheng X, Goto T, **Shiraishi A**, Nakaoka Y. New method to analyze sagittal images of upper eyelid obtained by anterior segment optical coherence tomography. *Orbit*. 2019 22:1-7.
47. Yamada T, Nabe S, Toriyama K, Suzuki J, Inoue K, Imai Y, **Shiraishi A**, Takenaka K, Yasukawa M, Yamashita M. Histone H3K27 Demethylase Negatively Controls the Memory Formation of Antigen-Stimulated CD8(+) T Cells. *J Immunol*. 2019 202(4):1088-1098.
48. Yamaguchi M, **Shiraishi A**. Relationship Between Eyelid Pressure and Ocular Surface Disorders in Patients With Healthy and Dry Eyes. *Invest Ophthalmol Vis Sci*. 2018 59(14):DES56-DES63.
49. **Shiraishi A**, Sakane Y. Assessment of Dry Eye Symptoms: Current Trends and Issues of Dry Eye Questionnaires in Japan. *Invest Ophthalmol Vis Sci*. 2018 59(14):DES23-DES28.
50. Nabe S, Yamada T, Suzuki J, Toriyama K, Yasuoka T, Kuwahara M, **Shiraishi A**, Takenaka K, Yasukawa M, Yamashita M. Reinforce the antitumor activity of CD8(+) T cells via glutamine restriction. *Cancer Sci*. 2018 109(12):3737-3750.
51. Suzuki T, Okamoto S, Oka N, Hayashi N, Gotoh N, **Shiraishi A**. Role of pvdE Pyoverdine Synthesis in *Pseudomonas aeruginosa* Keratitis. *Cornea*. 2018 37

Suppl 1:S99-S105.

52. Naito T, Yoshikawa K, Namiguchi K, Mizoue S, Shiraishi A, Ichikawa Y, Fujiwara M, Miki T, Araki R, Umeda Y, Morizane Y, Shiraga F. Comparison of success rates in eye drop instillation between sitting position and supine position. PLoS One. 2018 13(9):e0204363.
53. Toriyama K, Suzuki T, Shiraishi A. Characteristics of Infectious Keratitis in Old and Very Old Patients. J Ocul Pharmacol Ther. 2018 34(8):565-569.
54. Namiguchi K, Mizoue S, Ohta K, Shiraishi A. Effect of Botulinum Toxin A Treatment on Eyelid Pressure in Eyes with Blepharospasm. Curr Eye Res. 2018 43(7):896-901.
55. Omoto T, Sakisaka T, Toyono T, Yoshida J, Shirakawa R, Miyai T, Yamagami S, Usui T. Descemet Stripping Automated Endothelial Keratoplasty for Failed Penetrating Keratoplasty: Influence of the Graft-Host Junction on the Graft Survival Rate. Cornea. 2018 Apr;37(4):462-465
56. Yoshida J, Murata H, Miyai T, Shirakawa R, Toyono T, Yamagami S, Usui T. Characteristics and risk factors of recurrent keratoconus over the long term after penetrating keratoplasty. Graefes Arch Clin Exp Ophthalmol. 2018 Dec;256(12):2377-2383
57. Ohtomo K, Arita R, Shirakawa R, Usui T, Yamashita H, Seto Y, Yamagami S. Quantitative Analysis of Changes to Meibomian Gland Morphology Due to S-1 Chemotherapy. Transl Vis Sci Technol. 2018 Dec 28;7(6):37.
58. Winegarner A, Oie Y, Nishida K: Acute hydrops with a 180-degree massive edematous cavern demonstrated by three dimensional view of anterior segment optical coherence tomography in a patient with pellucid marginal corneal degeneration, a case report. BMC Ophthalmol 2018;18:92.
59. 吉田朋世、仁科幸子、松岡真未、萬束恭子、赤池祥子、越後貫滋子、横井匡、東範行：Information and Communication Technology 機器の使用が契機と思われた小児斜視症例。眼臨紀 2018, 11 (1): 61-66,
60. 太刀川貴子，武井正人，清田真理子，齋藤雄太，東範行，仁科幸子，丸子一郎，根岸貴志，野田英一郎，大熊康弘，吉田圭，藤巻拓郎，松本直，渡邊恵美子，齋藤誠：低出生体重児における未熟児網膜症：東京都多施設研究。日眼会誌 2018, 122(2): 103-113.
61. 土至田宏，太田俊彦，須藤史子，村上晶：副交感神経除神経家兔ドライアイモデルにおけるレチノールパルミチン酸エステル点眼液の治療効果。眼薬理，2018; 32(1): 28-32
62. 大野瑞，舟木俊成，山口昌大，岩本怜，春日俊光，村上晶：白内障術後に角膜穿孔を来した3症例。日眼会誌，2018; 122(4): 300-305

63. 平形寿彬, 李賢喆, 大場麻生, 佐伯和子, 奥野利明, 松田彰, **村上晶**, 横溝岳彦:
アレルギー性結膜炎に対するオメガ3脂肪酸の効果の検証. 脂質生化学研究, 2018,
60: 34-36
64. 巢山亜紀子, 平塚義宗, **村上晶**: 網膜色素変性の経時的評価における Functional
VisionScore の有用性について. 眼科, 2018; 60(11): 1393-1400