

## 業績目録（平成27年）

教室・部門名 感覚器未来医療学

(A-a) 英文著書  
なし

(A-b) 和文著書

1. 中村隆宏. 角膜上皮移植の臨床成績. あたらしい眼科. 31(1): 69-76, 2015.
2. 上田真由美, 外園千恵. 全身疾患と関連する角膜異常, 第10章前眼部疾患, 小児眼科学, 第1版, 2015. 211-212. 三輪書店.
3. 上田真由美. primary なアレルギー結膜疾患の診断と治療, 皮膚科・眼科連携マニュアル, 目のまわりの病気とその治療, 第1版, 2015. 48-53. 秀潤社.
4. 上田真由美, 外園千恵. Stevens-Johnson 症候群の眼障害, 皮膚科・眼科連携マニュアル, 目のまわりの病気とその治療, 第1版, 2015. 182-186. 秀潤社.
5. 上田真由美, 外園千恵. Stevens-Johnson 症候群. 全身疾患と関連する角膜異常. 第10章前眼部疾患, 小児眼科学 第1版, 2015. 211-213. 三輪書店.
6. 上田真由美, 外園千恵. Stevens-Johnson 症候群の眼症状には点眼液眼軟膏, ヴィジュアルでみるステロイド外用薬の使い方ガイド, 第1版, 2015. 153-155. 学研メディカル秀潤社.
7. 外園千恵, 稲富勉, 中村隆宏, 小泉範子, 羽室淳爾, 木下茂. 難治性角膜疾患に対する培養自家口腔粘膜上皮シート移植に関する臨床試験. 日本臨床. 73(5): 447-451, 2015.

(B-a) 英文総説

1. Suzuki T, Teramukai S, **Kinoshita S**: Meibomian glands and ocular surface inflammation. *Ocular Surface* 13:133-149, 2015.

(B-b) 和文総説

1. 上田真由美. 結膜アレルギーの基礎知識. あたらしい眼科. 2015. 4. 30, Vol. 32, No. 4, 519-520, メディカル葵出版社.
2. 上田真由美. 眼科における Stevens-Johnson 症候群の病型ならびに遺伝素因. あたらしい眼科. 2015. 1. 30, Vol. 32, No. 1, 59-67, メディカル葵出版社.
3. 中村隆宏. 角膜上皮移植の臨床成績. あたらしい眼科. 31(1): 69-76, 2015.
4. 外園千恵, 稲富勉, 中村隆宏, 小泉範子, 羽室淳爾, 木下茂. 難治性角膜疾患に対する培養自家口腔粘膜上皮シート移植に関する臨床試験. 日本臨床. 73(5): 447-451, 2015.

(C-a) 英文原著

1. Nakamura N, Tamagawa-Mineoka R, Ueta M, Kinoshita S, Katoh N: Toll-Like Receptor 3 increases allergic and irritant contact dermatitis. *J Invest Dermatol* 135(2) : 411-7, 2015. (2015 IF=7.216)
2. Yokoi N, Uchino M, Uchino Y, Dogru M, Kawashima M, Komuro A, Sonomura Y, Kato H, Tsubota K, Kinoshita S: Importance of tear film instability in dry eye disease in office workers using visual display terminals: The Osaka Study. *Am J Ophthalmol* .159(4):748-54, 2015 (2015 IF=3.871)
3. Kobayashi M, Nakamura T, Yasuda M, Hata Y, Okumura S, Iwamoto M, Nagata M, Fullwood NJ, Koizumi N, Hisa Y, **Kinoshita S**: Ocular surface reconstruction with a tissue-engineered nasal mucosal epithelial cell sheet for the treatment of severe ocular surface diseases. *Stem Cells Transl Med* 4(1):99-109, 2015. (2015 IF= 5.709)
4. Koizumi N, Inatomi T, Suzuki T, Shiraishi A, Ohashi Y, Kandori M, Miyazaki D, Inoue Y, Soma T, Nishida K, Takase H, Sugita S, Mochizuki M, **Kinoshita S**: Japan Corneal Endotheliitis Study Group. Clinical features and management of cytomegalovirus corneal endotheliitis: analysis of 106 cases from the Japan corneal endotheliitis study. *Br J Ophthalmol* 99(1):54-8, 2015. (2015 IF=2.976)
5. Aung T, Ozaki M, Mizoguchi T, Allingham RR, Li Z, Haripriya A, Nakano S, Uebe S, Harder JM, Chan AS, Lee MC, Burdon KP, Astakhov YS, Abu-Amero KK, Zenteno JC, Nilgün Y, Zarnowski T, Pakravan M, Safieh LA, Jia L, Wang YX, Williams S, Paoli D, Schlottmann PG, Huang L, Sim KS, Foo JN, Nakano M, Ikeda Y, Kumar RS, Ueno M, Manabe S, Hayashi K, Kazama S, Ideta R, Mori Y, Miyata K, Sugiyama K, Higashide T, Chihara E, Inoue K, Ishiko S, Yoshida A, Yanagi M, Kiuchi Y, Aihara M, Ohashi T, Sakurai T, Sugimoto T, Chuman H, Matsuda F, Yamashiro K, Gotoh N, Miyake M, Astakhov SY, Osman EA, Al-Obeidan SA, Owaidhah O, Al-Jasim L, Shahwan SA, Fogarty RA, Leo P, Yetkin Y, Oğuz Ç, Kanavi MR, Beni AN, Yazdani S, Akopov EL, Toh KY, Howell GR, Orr AC, Goh Y, Meah WY, Peh SQ, Kosior-Jarecka E, Lukasik U, Krumbiegel M, Vithana EN, Wong TY, Liu Y, Koch AE, Challa P, Rautenbach RM, Mackey DA, Hewitt AW, Mitchell P, Wang JJ, Ziskind A, Carmichael T, Ramakrishnan R, Narendran K, Venkatesh R, Vijayan S, Zhao P, Chen X, Guadarrama-Vallejo D, Cheng CY, Perera

- SA, Husain R, Ho SL, Welge-Luessen UC, Mardin C, Schloetzer-Schrehardt U, Hillmer AM, Herms S, Moebus S, Nöthen MM, Weisschuh N, Shetty R, Ghosh A, Teo YY, Brown MA, Lischinsky I; Blue Mountains Eye Study GWAS Team; Wellcome Trust Case Control Consortium 2, Crowston JG, Coote M, Zhao B, Sang J, Zhang N, You Q, Vysochinskaya V, Founti P, Chatzikiyriakidou A, Lambropoulos A, Anastasopoulos E, Coleman AL, Wilson MR, Rhee DJ, Kang JH, May-Bolchakova I, Heegaard S, Mori K, Alward WL, Jonas JB, Xu L, Liebmann JM, Chowbay B, Schaeffeler E, Schwab M, Lerner F, Wang N, Yang Z, Frezzotti P, Kinoshita S, Fingert JH, Inatani M, Tashiro K, Reis A, Edward DP, Pasquale LR, Kubota T, Wiggs JL, Pasutto F, Topouzis F, Dubina M, Craig JE, Yoshimura N, Sundaresan P, John SW, Ritch R, Hauser MA, Khor CC. : Common variant mapping to CACNA1A is associated with susceptibility to Exfoliation syndrome. *Nat Genet* 47(4):387-92, 2015. (2015 IF= 31.616)
6. Ueta M, Sawai H, Sotozono C, Hitomi Y, Kaniwa N, Kim MK, Seo KY, Yoon KC, Joo CK, Kannabiran C, Wakamatsu TH, Sangwan V, Rathi V, Basu S, Ozeki T, Mushiroda T, Sugiyama E, Maekawa K, Nakamura R, Aihara M, Matsunaga K, Sekine A, Gomes JÁ, Hamuro J, Saito Y, Kubo M, Kinoshita S, Tokunaga K: IKZF1, a new susceptibility gene for cold medicine-related Stevens-Johnson syndrome/toxic epidermal necrolysis with severe mucosal involvement. *J Allergy Clin Immunol*. 135(6):1538-45. 2015 (2015 IF=11.476)
  7. Yoshikawa H, Ikeda Y, Sotozono C, Mori K, Ueno M, Kinoshita S Ultrasound biomicroscopy in infants with congenital corneal opacity and its correlations with clinical diagnosis and intraocular pressure. *Nippon Ganka Gakkai Zasshi*. 119(1):16-21. 2015
  8. Kawashima M, Yamatsuji M, Yokoi N, Fukui M, Ichihashi Y, Kato H, Nishida M, Uchino M, Kinoshita S, Tsubota K: Screening of dry eye disease in visual display terminal workers during occupational health examinations: The Moriguchi study. *J Occup Health*. 57(3):253-8. 2015 (2015 IF= 1.446)
  9. Kawashima M, Uchino M, Yokoi N, Uchino Y, Dogru M, Komuro A, Sonomura Y, Kato H, Kinoshita S, Mimura M, Tsubota K: Associations between subjective happiness and dry eye disease: a new perspective from the Osaka study. *PLoS One*. 10(4):e0123299, 2015. (2015 IF=3.234)

10. Watanabe A, Katori N, Selva D, Hayashi K, Kinoshita S: Modified auricular cartilage sling for paralytic ectropion. *J Plast Reconstr Aesthet Surg.* 68(7):902-6. 2015 (2015 IF=1.743)
  
11. Li Z, Allingham RR, Nakano M, Jia L, Chen Y, Ikeda Y, Mani B, Chen LJ, Kee C, Garway-Heath DF, Sripriya S, Fuse N, Abu-Amero KK, Huang C, Namburi P, Burdon K, Perera SA, Gharahkhani P, Lin Y, Ueno M, Ozaki M, Mizoguchi T, Krishnadas SR, Osman EA, Lee MC, Chan AS, Tajudin LS, Do T, Goncalves A, Reynier P, Zhang H, Bourne R, Goh D, Broadway D, Husain R, Negi AK, Su DH, Ho CL, Blanco AA, Leung CK, Wong TT, Yakub A, Liu Y, Nongpiur ME, Han JC, Hon do N, Shantha B, Zhao B, Sang J, Zhang N, Sato R, Yoshii K, Panda-Jonas S, Ashley Koch AE, Herndon LW, Moroi SE, Challa P, Foo JN, Bei JX, Zeng YX, Simmons CP, Bich Chau TN, Sharmila PF, Chew M, Lim B, Tam PO, Chua E, Ng XY, Yong VH, Chong YF, Meah WY, Vijayan S, Seongsoo S, Xu W, Teo YY, Cooke Bailey JN, Kang JH, Haines JL, Cheng CY, Saw SM, Tai ES; ICAARE-Glaucoma Consortium; NEIGHBORHOOD Consortium, Richards JE, Ritch R, Gaasterland DE, Pasquale LR, Liu J, Jonas JB, Milea D, George R, Al-Obeidan SA, Mori K, Macgregor S, Hewitt AW, Girkin CA, Zhang M, Sundaresan P, Vijaya L, Mackey DA, Wong TY, Craig JE, Sun X, Kinoshita S, Wiggs JL, Khor CC, Yang Z, Pang CP, Wang N, Hauser MA, Tashiro K, Aung T, Vithana EN: A common variant near TGFBR3 is associated with primary open angle glaucoma. *Hum Mol Genet.* 24(13):3880-92, 2015. (2015 IF= 5.985)
  
12. Kaido M, Kawashima M, Yokoi N, Fukui M, Ichihashi Y, Kato H, Yamatsuji M, Nishida M, Fukagawa K, Kinoshita S, Tsubota K: Advanced dry eye screening for visual display terminal workers using functional visual acuity measurement: the Moriguchi study. *Br J Ophthalmol.* 99:1488-92, 2015. (2015 IF=2.976)
  
13. Amemiya T, Nakamura T, Yamamoto T, Kinoshita S, Kanamura N: Autologous transplantation of oral mucosal epithelial cell sheets cultured on an amniotic membrane substrate for intraoral mucosal defects. *PLoS One.* 10(4):e0125391, 2015. (2015 IF=3.234)
  
14. Sotozono C, Ueta M, Nakatani E, Kitami A, Watanabe H, Sueki H, Iijima M, Aihara M, Ikezawa Z, Aihara Y, Kano Y, Shiohara T, Tohyama M, Shirakata Y, Kaneda H, Fukushima M, Kinoshita S, Hashimoto K; Japanese Research Committee on Severe Cutaneous Adverse Reaction: Predictive Factors Associated With Acute Ocular

Involvement in Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis. *Am J Ophthalmol.* : 160(2):228-237. 2015 (2015 IF=3.871)

15. Nakamura T, Hata Y, Nagata M, Yokoi N, Yamaguchi S, Kaku T, Kinoshita S: JBP485 promotes tear and mucin secretion in ocular surface epithelia. *Sci Rep.* 10248. 2015 (2015 IF= 5.228)
  
16. Aung T, Ozaki M, Mizoguchi T, Allingham RR, Li Z, Haripriya A, Nakano S, Uebe S, Harder JM, Chan AS, Lee MC, Burdon KP, Astakhov YS, Abu-Amero KK, Zenteno JC, Nilgün Y, Zarnowski T, Pakravan M, Safieh LA, Jia L, Wang YX, Williams S, Paoli D, Schlottmann PG, Huang L, Sim KS, Foo JN, Nakano M, Ikeda Y, Kumar RS, Ueno M, Manabe S, Hayashi K, Kazama S, Ideta R, Mori Y, Miyata K, Sugiyama K, Higashide T, Chihara E, Inoue K, Ishiko S, Yoshida A, Yanagi M, Kiuchi Y, Aihara M, Ohashi T, Sakurai T, Sugimoto T, Chuman H, Matsuda F, Yamashiro K, Gotoh N, Miyake M, Astakhov SY, Osman EA, Al-Obeidan SA, Owaidhah O, Al-Jasim L, Shahwan SA, Fogarty RA, Leo P, Yetkin Y, Oğuz Ç, Kanavi MR, Beni AN, Yazdani S, Akopov EL, Toh KY, Howell GR, Orr AC, Goh Y, Meah WY, Peh SQ, Kosior-Jarecka E, Lukasik U, Krumbiegel M, Vithana EN, Wong TY, Liu Y, Koch AE, Challa P, Rautenbach RM, Mackey DA, Hewitt AW, Mitchell P, Wang JJ, Ziskind A, Carmichael T, Ramakrishnan R, Narendran K, Venkatesh R, Vijayan S, Zhao P, Chen X, Guadarrama-Vallejo D, Cheng CY, Perera SA, Husain R, Ho SL, Welge-Luessen UC, Mardin C, Schloetzer-Schrehardt U, Hillmer AM, Herms S, Moebus S, Nöthen MM, Weisschuh N, Shetty R, Ghosh A, Teo YY, Brown MA, Lischinsky I; Blue Mountains Eye Study GWAS Team; Wellcome Trust Case Control Consortium 2, Crowston JG, Coote M, Zhao B, Sang J, Zhang N, You Q, Vysochinskaya V, Founti P, Chatzikyriakidou A, Lambropoulos A, Anastasopoulos E, Coleman AL, Wilson MR, Rhee DJ, Kang JH, May-Bolchakova I, Heegaard S, Mori K, Alward WL, Jonas JB, Xu L, Liebmann JM, Chowbay B, Schaeffeler E, Schwab M, Lerner F, Wang N, Yang Z, Frezzotti P, Kinoshita S, Fingert JH, Inatani M, Tashiro K, Reis A, Edward DP, Pasquale LR, Kubota T, Wiggs JL, Pasutto F, Topouzis F, Dubina M, Craig JE, Yoshimura N, Sundaresan P, John SW, Ritch R, Hauser MA, Khor CC : Corrigendum: a common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. *Nat Genet.* 47(6):689, 2015. (2015 IF= 31.616)

17. Okumura N, Kakutani K, Numata R, Nakahara M, Schlötzer-Schrehardt U, Kruse F, Kinoshita S, Koizumi N: Laminin-511 and -521 enable efficient in vitro expansion of human corneal endothelial cells. *Invest Ophthalmol Vis Sci.*;56(5):2933-42. 2015 (2015 IF= 3.427)
18. Bissen-Miyajima H, Negishi K, Hieda O, Kinoshita S: Microincision Hydrophobic Acrylic Aspheric Toric Intraocular Lens for Astigmatism and Cataract Correction. *J Refract Surg.* (6):358-64. 2015(2015 IF= 3.314)
19. Adachi H, Tominaga H, Maruyama Y, Yoneda K, Maruyama K, Yoshii K, Kinoshita S, Nakano M, Tashiro K: Stage-specific reference genes significant for quantitative PCR during mouse retinal development. *Genes Cells.* 20(8):625-35. 2015(2015 IF= 2.481)
20. Mitsuhashi K, Senmaru T, Fukuda T, Yamazaki M, Shinomiya K, Ueno M, Kinoshita S, Kitawaki J, Katsuyama M, Tsujikawa M, Obayashi H, Nakamura N, Fukui M: Testosterone stimulates glucose uptake and GLUT4 translocation through LKB1/AMPK signaling in 3T3-L1 adipocytes. *Endocrine.*52(2):402-403, 2015.(2015 IF= 3.279)
21. Jongkhajornpong P, Nakamura T, Sotozono C, Inatomi T, Kinoshita S. :Phenotypic Investigation of Regenerated Epithelial Cells After Gonococcal Corneal Perforation: A Clinical, Histological, and Immunohistochemical Study. *Cornea.* 34(11):1508-12. 2015(2015 IF= 1.833)
22. Nakano M, Okumura N, Nakagawa H, Koizumi N, Ikeda Y, Ueno M, Yoshii K, Adachi H, Aleff RA, Butz ML, Highsmith WE, Tashiro K, Wieben ED, Kinoshita S, Baratz KH: Trinucleotide Repeat Expansion in the TCF4 Gene in Fuchs' Endothelial Corneal Dystrophy in Japanese. *Invest Ophthalmol Vis Sci.* 56(8):4865-9. 2015(2015 IF= 3.427)
23. Yamamoto Y, Yokoi N, Ogata M, Shiraishi A, Yamaguchi M, Uno T, Inagaki K, Hayashi K, Kinoshita S, Ohashi Y: Correlation Between Recurrent Subconjunctival Hemorrhages and Conjunctivochalasis by Clinical Profile and Successful Surgical Outcome. *Eye Contact Lens.* 41(6):367-72. 2015(2015 IF= 1.466)

24. Maruyama Y, Ikeda Y, Mori K, Ueno M, Yoshikawa H, Kinoshita S: Comparison between bimatoprost and latanoprost-timolol fixed combination for efficacy and safety after switching patients from latanoprost. *Clin Ophthalmol*. 9:1429-36. 2015. (2015 IF= 2.347)
25. Okumura N, Minamiyama R, Ho LT, Kay EP, Kawasaki S, Tourtas T, Schlötzer-Schrehardt U, Kruse FE, Young RD, Quantock AJ, Kinoshita S, Koizumi N: Involvement of ZEB1 and Snail1 in excessive production of extracellular matrix in Fuchs endothelial corneal dystrophy. *Lab Invest*. 95(11):1291-304. 2015 (2015 IF= 4.202)
26. Nakagawa H, Koizumi N, Okumura N, Suganami H, Kinoshita S: Morphological Changes of Human Corneal Endothelial Cells after Rho-Associated Kinase Inhibitor Eye Drop (Ripasudil) Administration: A Prospective Open-Label Clinical Study. *PLoS One*. 10(9):e0136802. 2015. (2015 IF=3.234)
27. Okumura N, Inoue R, Okazaki Y, Nakano S, Nakagawa H, Kinoshita S, Koizumi N: Effect of the Rho Kinase Inhibitor Y-27632 on Corneal Endothelial Wound Healing. *Invest Ophthalmol Vis Sci*. 56(10):6067-74. 2015 (2015 IF= 3.427)
28. Nagata M, Nakamura T, Hata Y, Yamaguchi S, Kaku T, Kinoshita S. JBP485 promotes corneal epithelial wound healing. *Sci Rep*. 5:14776. doi: 10.1038/srep14776, 2015. (IF=5.578)
29. Bauskar A, Mack WJ, Mauris J, Argüeso P, Heur M, Nagel BA, Kolar GR, Gleave ME, Nakamura T, Kinoshita S, Moradian-Oldak J, Panjwani N, Pflugfelder SC, Wilson MR, Fini ME, Jeong S: Clusterin Seals the Ocular Surface Barrier in Mouse Dry Eye. *PLoS One*. 10(9):e0138958 2015. (2015 IF=3.234)
30. Nagata M, Nakamura T, Hata Y, Yamaguchi S, Kaku T, Kinoshita S: JBP485 promotes corneal epithelial wound healing. *Sci Rep*. 14776. 2015 (2015 IF= 5.228)
31. Kaniwa N, Ueta M, Nakamura R, Okamoto-Uchida Y, Sugiyama E, Maekawa K, Takahashi Y, Furuya H, Yagami A, Matsukura S, Ikezawa Z, Matsunaga K, Sotozono C, Aihara M, Kinoshita S, Saito Y: Drugs causing severe ocular surface involvements in Japanese patients with Stevens-Johnson syndrome/toxic epidermal necrolysis. *Allergol Int*. 64(4):379-81. 2015

32. Maekawa K, Nakamura R, Kaniwa N, Mizusawa S, Kitamoto A, Kitamoto T, Ukaji M, Matsuzawa Y, Sugiyama E, Uchida Y, Kurose K, Ueta M, Sotozono C, Ikeda H, Yagami A, Matsukura S, Kinoshita S, Muramatsu M, Ikezawa Z, Sekine A, Furuya H, Takahashi Y, Matsunaga K, Aihara M, Saito Y; Japan Pharmacogenomics Data Science Consortium: Development of a simple genotyping method for the HLA-A\*31:01-tagging SNP in Japanese. *Pharmacogenomics*.16(15) : 1689-99.2015(2015 IF= 3.218)
33. Ueta M. Genetic Predisposition to Stevens-Johnson Syndrome With Severe Ocular Surface Complications. *Cornea*. 2015 Nov;34 Suppl 11:S158-65. (2015 IF=2.042)
34. Okumura N, Kusakabe A, Hirano H, Inoue R, Okazaki Y, Nakano S, Kinoshita S, Koizumi N: Density-gradient centrifugation enables the purification of cultured corneal endothelial cells for cell therapy by eliminating senescent cells. *Sci Rep*.5:15005. 2015 (2015 IF= 5.228)
35. Nagata K, Inaba T, Kinoshita S: CD5-Positive Primary Intraocular B-Cell Lymphoma Arising during Methotrexate and Tumor Necrosis Factor Inhibitor Treatment. *Case Rep Ophthalmol*.6(3):301-6.2015
36. Ueta M, Koga A, Kikuta J, Yamada K, Kojima S, Shinomiya K, Ishii M, Kinoshita S: Intravital imaging of the cellular dynamics of LysM-positive cells in a murine corneal suture model. *Br J Ophthalmol*. 100(3):432-5,2015. (2015 IF=2.976)
37. Okumura N, Okazaki Y, Inoue R, Nakano S, Fullwood NJ, Kinoshita S, Koizumi N. Rho-Associated Kinase Inhibitor Eye Drop (Ripasudil) Transiently Alters the Morphology of Corneal Endothelial Cells. *Invest Ophthalmol Vis Sci*. 56(12):7560-7. 2015 (2015 IF= 3.427)
38. Yamada K, Young RD, Lewis PN, Shinomiya K, Meek KM, Kinoshita S, Caterson B, Quantock AJ. Mesenchymal-epithelial cell interactions and proteoglycan matrix composition in the presumptive stem cell niche of the rabbit corneal limbus. *Mol Vis*.21:1328-39. 2015(2015 IF= 2.110)
39. Kitazawa K, Nagata K, Yamanaka Y, Kuwahara Y, Iehara T, Kinoshita S, Sotozono C. : Diffuse Anterior Retinoblastoma with Sarcoidosis-Like Nodule. *Case Rep Ophthalmol*. 6(3):443-7. 2015



(C-b) 和文原著

1. 吉川 晴菜, 池田 陽子, 外園 千恵, 森 和彦, 上野 盛夫, 木下 茂、先天性角膜混濁の超音波生体顕微鏡所見と臨床診断および眼圧の関係、日眼会誌、119 : 16-21, 2015
2. 稗田 牧, 外園 千恵, 中村 隆宏, 木下 茂、エキシマレーザー角膜屈折矯正手術後の重症感染症、日眼会誌、119(12) :855-62. 2015
3. 宮村 有佳, 外園 千恵, 東原 尚代, 星 最智, 木下 茂、認知症を伴う高齢者の重症眼感染症、日眼会誌、119(12) :863-7. 2015

(D) 学会発表

I) 特別講演、教育講演等

1. Kinoshita S. Keynote Lecture. Future Directions in Corneal Endothelial Cell Biology. World Cornea Congress VII, San Diego, USA, April 17, 2015.
2. Kinoshita S. Charles D. Kelman Innovator's Lecture. New Treatment Dimensions for Corneal Endothelial Dysfunction. ASCRS (American Society of Cataract and Refractive Surgery) 2016, San Diego, USA, April 20, 2015.
3. Kinoshita S. Corneal Imaging - From the Epithelium to the Endothelium. SNEC 25th Anniversary International Meeting, Singapore, May 22, 2015.
4. Kinoshita S. Chew Sek Jin Lecture for Excellence and Leadership in Translational Research. My 25 Years of Translational Corneal Research, SNEC 25th Anniversary International Meeting, Singapore, May 24, 2015.
5. Ueta M, Anti-inflammatory effect of Rebamipide eye drops. OSKON2015, Chennai, India, July.10.2015.
6. Ueta M, Genetic predisposition and Immunopathogenesis of Stevens-Johnson Syndrome (SJS) with severe ocular complications - How much do we understand the disease? OSKON2015, Chennai, India, July.10.2015.

7. Kinoshita S. Current clinical concepts of corneal endothelium. BMJ Masterclasses in Ophthalmology 2015, Chennai, India, August 1, 2015.
8. Kinoshita S. Diagnosis and treatment strategies of Dry Eye, BMJ Masterclasses in Ophthalmology 2015, Kolkata, India, August 3, 2015.
9. Kinoshita S. Diagnosis and treatment strategies of Dry Eye. BMJ Masterclasses in Ophthalmology 2015, Pune, India, August 6, 2015.
10. Kinoshita S. Current clinical concepts of corneal endothelium. BMJ Masterclasses in Ophthalmology 2015, Pune, India, August 6, 2015.
11. Kinoshita S. Special Lecture: Pathway to Professional Achievement. Chulalongkorn Eye Center (CEC) and Kyoto Prefectural University of Medicine (KPUM) Joint Meeting, Bangkok, Thailand, August 18, 2015.
12. Kinoshita S. Advances in Corneal Surgery, Highlight in Clinical ophthalmology. Chulalongkorn Eye Center (CEC) and Kyoto Prefectural University of Medicine (KPUM) Joint Meeting, Bangkok, Thailand, August 18, 2015.
13. Ueta M, Genetic predisposition of Stevens-Johnson Syndrome with Severe Ocular Complications. Chulalongkorn Eye Center-Kyoto Prefectural University of Medicine Joint meeting. Chulalongkorn University, Bangkok, Thailand, Aug 18, 2015.
14. Kinoshita S. Regenerative Medicine in Ophthalmology: From bench to bedside, Stem Cell and Regenerative Medicine in Ophthalmology. Chulalongkorn Eye Center (CEC) and Kyoto Prefectural University of Medicine (KPUM) Joint Meeting, Bangkok, Thailand, August 19, 2015.
15. Kinoshita S. Special Lecture; The New Frontier of Corneal Replacement Surgery. Ramathibodi Hospital, Mahidol University, Bangkok, Thailand, August 19, 2015.
16. Kinoshita S. Marvin D. Henry MD Memorial Lecture, Novel treatment dimensions for corneal endothelial dysfunction, UIC(University of Illinois) Cornea Symposium, Chicago, USA, September 18, 2015.

17. Kinoshita S. The approach to Stevens Johnson Syndrome. UIC(University of Illinois) Cornea Symposium, Chicago, USA, September 18, 2015.
18. Kinoshita S. Cell Injection Therapy for Bullous Keratopathy. International Workshop, Harvard Medical School, Boston, USA, October 15, 2015.
19. 上田真由美. Stevens-Johnson 症候群の病態解明、感冒薬に関連して発症した眼合併型 Stevens-Johnson 症候群の発症関連遺伝子 IKZF1. ドライアイリサーチアワード受賞講演、第69回日本臨床眼科学科学会、名古屋、2015. 10. 22.
20. Kinoshita S, Kruse FE, Mehta JS, Jurkunas U, Inatomi T. Instruction Course, Diagnosis and Management of Corneal Endothelial Diseases. American Academy of Ophthalmology, Las Vegas, USA, November 17, 2015.
21. Kinoshita S, Kruse FE, Mehta JS, Jurkunas U, Inatomi T. Advanced Conjunctival Surgery for Ocular Cicatrizing Diseases, Instruction Course. American Academy of Ophthalmology, Las Vegas, USA, November 17, 2015.
22. Mayumi Ueta. Genetic predisposition of Cold medicine-Related Stevens-Johnson Syndrome with Ocular Surface Complications. Symposium. the 56th Annual meeting of the Ophthalmological Society of Taiwan. Taipei, Taiwan, November 29,2015.
23. Kinoshita S. Keynote Lecture, Diagnosis and Treatment Strategies for Dry Eye and Meibomian Gland Dysfunction. 25th Annual International Congress of Iranian Society of Ophthalmology, Teheran, Iran, December 16, 2015.

## II) シンポジウム、ワークショップ、パネルディスカッション等

1. 上田真由美. 感冒薬による重症薬疹 Stevens-Johnson 症候群発症に関わる遺伝素因. 文部科学省科学技術試験研究委託事業. オーダーメイド医療の実現プログラム. ゲノム医療の実現に向けて、2015.3.23 東京

2. Kinoshita S. Surgical Management of Conjunctival Squamous Neoplasia –Japanese Perspective, Symposium; Ptctinic Changes including OSSN, 30th APAO (Asia Pacific Ophthalmology), Guangzhou, China, April 2, 2015.
3. Kinoshita S. Challenging Cases of DSAEK Procedures, AAPPO Symposium; Challenging Anterior Segment Cases. 30th APAO (Asia Pacific Ophthalmology), Guangzhou, China, April 2, 2015.
4. Kinoshita S. The Fate of Donor Corneal Endothelial Cells after DSAEK. 30th APAO (Asia Pacific Ophthalmology), Guangzhou, China, April 2, 2015.
5. Kinoshita S. Cell based therapy for the dysfunctional corneal endothelium:Fiction and reality, Symposium; New Developments in Corneal Surgery, SOE 2015, Vienna, Austria, June 6, 2015.
6. Kinoshita S. SOE, Stevens-Johnson Syndrome – Problems and Solutions, Symposium; Conjunctivitis, Keratitis, Scleritis: Solutions of the Inflamed External Eye. SOE 2015, Vienna, Austria, June 6, 2015
7. Nakamura T. Holoclone-type Stem Cells Controls Corneal Homeostasis. Chulalongkorn Eye Center (CEC) and Kyoto Prefectural University of Medicine (KPUM) Joint Meeting, Bangkok, Thailand, August 19, 2015
8. Kinoshita S. Cell Therapy for Corneal Endothelial Dysfunction, Symposium; Recent Developments in Cornea, 6th Annual Eucornea Congress, Barcelona, Spain, September 4, 2015.
9. Kinoshita S. Ocular surface reconstruction in Stevens Johnson syndrome, Symposium; Ocular Surface Reconstruction, 6th Annual Eucornea Congress, Barcelona, Spain, September 5, 2015.
10. Kinoshita S. The Future of endothelial transplantation - do we need grafts ?, Symposium; Posterior Lamellar Keratoplasty. 6th Annual Eucornea Congress, Barcelona, Spain, September 5, 2015.
11. Kinoshita S. Rock Eye Drop, Symposium; Translational Medicine; Anterior Segment. 3rd World Congress of Paediatric Ophthalmology and Strabismus, Barcelona, Spain, September 5, 2015.

12. Kinoshita S. Corneal Regeneration in vivo – is it possible? Regenerative Medicine for Cornea and Trabecular Meshwork. 22nd Annual Glaucoma Foundation Optic Nerve Rescue and Restoration Think Tank, New York, USA, September 19, 2015.
13. Kinoshita S. Ocular Surface Inflammation Regulated by Innate Immunity. 29th Boston Cornea Conference, Boston, USA, October 16, 2015.
14. 上田真由美. 感冒薬関連 Stevens-Johnson 症候群の HLA ならびに遺伝素因. 日本人類遺伝学会 第 60 回大会 シンポジウム 1 2 HLA と疾患 : 新たな展開 2015.10.17.
15. Kinoshita S. Up date on Stevens Johnson Syndrome, Ocular Surface Challenges. 2nd ASEAN Ophthalmology Society Congress, Hanoi, Vietnam, October 29, 2015.
16. Kinoshita S. Up date on Moorens ulcer, Symposium; Corneal Infection and Inflammation. 2nd ASEAN Ophthalmology Society Congress, Hanoi, Vietnam, October 29, 2015.
17. Kinoshita S. Hot Topics Symposium 2015; corneal endothelial cell migration and cell transfer of cultured human endothelial cells for Fuchs' dystrophy. AAO (American Academy of Ophthalmology) 2015, Las Vegas, USA, November 16, 2015.
18. Kinoshita S. Medical and Surgical Management for Ocular Surface Disease, Anterior Segment Subspecialty Day: Limbal Stem Cell Transplantation: Techniques and Protocols. 25th Annual International Congress of Iranian Society of Ophthalmology, Teheran, Iran, December 14, 2015.
19. Kinoshita S. Cutting Edge in Corneal Regenerative Medicine, Symposium; Medical and Surgical Management for Ocular Surface Disease. 25th Annual International Congress of Iranian Society of Ophthalmology, Teheran, Iran, December 15, 2015.
20. Kinoshita S. Treatment of Mooren's Ulcer, Workshop: Management of Common Ocular Surface Diseases, 25th Annual International Congress of Iranian Society of Ophthalmology, Teheran, Iran, December 16, 2015.

21. Kinoshita S. The Future of endothelial transplantation - do we need grafts?, Workshop; Lamellar Keratoplasty. 25th Annual International Congress of Iranian Society of Ophthalmology, Teheran, Iran, Decemebr 16, 2015.

### Ⅲ) 国際学会における一般発表

1. Imagawa K, Maeda K, Yokoyama S, Hosoda Y, Watanabe S, Nakamura T, Kinoshita S. Development of the cell sheet production technology from cryopreserved human corneal epithelial cells; the quality test and in vivo study. 2015 Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), Denver, Colorado, USA, May 2,2015.
2. Mayumi Ueta, Jun Shoji, Chie Sotozono, Shigeru Kinoshita. Anti-inflammatory Effects of Rebamipide Eyedrops on Allergic Conjunctival Disease. 18th ANNUAL IOSS (International Ocular Surface Society) MEETING. Denver, Colorado, USA. May 2, 2015.
3. M. Toda, M. Ueno, A. Hiraga, T. Nakamura, M. Hagiya, N. Okumura, N. Koizumi, J. Hamuro, S. Kinoshita. The different binding properties of cultured human corneal endothelial cell subpopulations to Descemet's membrane components. ARVO 2015 Annual Meeting. May 3-7, 2015. Denver, Colorado, U.S.A.
4. H. Tanaka, M. Ueno, M. Toda, J. Hamuro, K. Yoshii, N. Koizumi, N. Okumura, S. Kinoshita, M. Montoya, B. Iliakis. Investigation of the donor tissue information on the phenotypes of cultivated human corneal endothelium. ARVO 2015 Annual Meeting. May 3-7,2015. Denver, Colorado, U.S.A.
5. M. Ueno, M. Toda, A. Hiraga, N. Tobita, H. Nakagawa, C. Sotozono, N. Koizumi, K. Asada, J. Hamuro, S. Kinoshita. Analysis of cytokines in serum and aqueous humor in patients with bullous keratopathy. ARVO 2015 Annual Meeting. May 3-7,2015. Denver, Colorado, U.S.A.
6. Mayumi Ueta, Chie Sotozono, Hiromi Sawai, Katsushi Tokunaga, Shigeru Kinoshita. PTGER3 SNPs associated with Cold Medicine-Related Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis with Severe Ocular complications. 2015 Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO). Denver, Colorado, USA. May 3, 5, 7. 2015.

7. Ueta M, Tokunaga T, Sotozono C, Sawai H, Kinoshita S: HLA-A\*02:06 and PTGER3 polymorphism exerts additive effects in cold medicine-related Stevens-Johnson syndrome with severe ocular complications. The European Academy of Allergy and Clinical Immunology (EAACI), Barcelona, Spain, June 9,2015
8. Ueta M, Shoji J, Sotozono C, Kinoshita S: Tear Markers for Atopic Keratoconjunctivitis. Allergy School e-PAD: EAACI Practical Allergy Diagnosis, Moscow, Russia, August 27,2015
9. Ueta M, Tokunaga K, Sotozono C, Sawai H, Yoon KC, Kim MK, Seo KY, Joo CK, Kinoshita S. HLA-A\*02:06 and PTGER3 polymorphism exerts additive effects in cold medicine-related Stevens-Johnson syndrome with severe ocular complications in Japanese and Korean populations. (oral) European Association for Vision and Eye Research (EVER) 2015, Nice, France, October 7,2015

E 研究助成（競争的研究助成金）

総額 855 万円

○公的助成・小計 355 万円

代表（総額）・小計 140 万円

1 文部科学省科学研究費補助金挑戦的萌芽研究 平成 25～27 年度  
 幼児期に機能する RNA 干渉に依拠するヒト角膜内皮細胞の相転移制御  
 技術の創出 助成金額 30 万円

2 文部科学省科学研究費補助金基盤研究（C） 平成 26～28 年度  
 細胞系譜解析を用いた角膜上皮幹細胞の恒常性維持機構の解明  
 助成金額 110 万円

分担・小計 215 万円

3 独立行政法人日本医療研究開発機構 再生医療等の産業化に向け  
 た評価基盤技術開発事業 平成 27～28 年度 均質な培養ヒト角膜内  
 皮細胞による安全な再生医療の確立のための革新的評価法の開発 助  
 成金額 0 万円

- 1 文部科学省科学研究費補助金基盤研究（C） 平成 25～27 年度  
羊膜を基質として作成した培養口腔粘膜シートを用いた尿路再建  
法の開発 助成金額 5 万円
- 2 私立大学戦略的研究基盤形成支援事業 平成 26～30 年度  
難治性角膜疾患に対するトランスレーショナル研究の推進と国際  
的研究拠点の形成 助成金額 200 万円
- 3 文部科学省科学研究費補助金基盤研究（C） 平成 26～28 年度  
再生医療を用いた粘膜バリアーの再構築と瘢痕性疾患への応用  
助成金額 10 万円

○財団等からの助成

代表（総額）・小計 500 万円

- 1 平成 27 年度 参天製薬創業者記念眼科医学研究基金 細胞系譜解  
析による革新的角膜再生医療の基盤技術開発 助成金額 200 万円
- 2 平成 27 年度持田記念医学薬学振興財団研究助成金  
細胞系譜解析を用いた角膜幹細胞の細胞動態の解明および角膜再  
生医療の基盤技術の開発 助成金額 300 万円