

F. 研究発表

1. 論文発表

「関連業績一覧」に記載

2. 主な学会発表

1. 藤原篤之、白神千恵子、山下彩奈、白瀧ゆかり、小野葵、白神史雄: 典型加齢黄斑変性における地図状萎縮の拡大率. 第117回日本眼科学会総会、東京、2013.
2. 小野葵、白神千恵子、山下彩奈、小林守、馬場哲也、白神史雄. 無治療加齢黄斑変性に対するアフリベルセプトの初回導入期の短期成績. 第47回日本臨床眼科学会、横浜市、2013.
3. 高橋寛二、小椋祐一郎、石橋達朗、白神史雄、湯澤美都子: 加齢黄斑変性の治療指針(厚生労働省 網膜脈絡膜・視神経萎縮症調査研究班). 第65回日本臨床眼科学会一般口演、東京、2011.
4. 安川力: 前駆病変と萎縮型加齢黄斑変性. 加齢黄斑変性の治療指針. 教育講演. 第116回日本眼科学会総会、東京、2012.
5. 佐藤里奈、安川力、加藤亜紀、大森豊緑、石橋達朗、小椋祐一郎: わが国における視覚障害の原因と現状. 糖尿病眼学会、福岡、2012.
6. 山本修一、他: 網膜色素変性に対するUF-021 点眼液の臨床試験(PII)微小視野計評価. 第115回日本眼科学会、東京、2011.
7. 福田慎一、長野真澄、山下年晴、大根田修、大鹿哲郎: 網膜色素変性症に対する血管内皮前駆細胞の機能解析. 第116回日本眼科学会総会、東京、2012.
8. 瀧原祐史、稲谷大、江藤圭、井上俊洋、岩尾圭一郎、高村佳弘、鍋倉淳一、谷原秀信: ライブイメージで観察した緑内障におけるミトコンドリア軸索輸送の変化. 第117回日本眼科学会総会、東京、2013.
9. 稲谷大: 緑内障病型と手術適応. シンポジウム. 第66回日本臨床眼科学会、京都、2012.
10. 北川貴子、湯澤美都子: 近視性脈絡膜新生血管に対するペガプタニブナトリウム硝子体内投与1年後の治療成績. 第115回日本眼科学会総会、東京、2011.
11. 湯澤美都子: 特別講演、ポリープ状脈絡膜血管症. 第115回日本眼科学会総会. 東京、2011.
12. 森隆三郎、湯澤美都子: 網膜血管腫状増殖に対するラニビズマブ硝子体内投与1年後の治療成績. 第115回日本眼科学会総会、東京、2011.
13. 川村昭之、中静裕之、春山美穂、森隆三郎、田中公二、篠島亜里、湯澤美都子: ポリープ状脈絡膜血管症の異常血管網起始部の光干渉断層計像. 第115回日本眼科学会総会、東京、2011.
14. 北川貴子、湯澤美都子: 近視性CNVに対するPegaptanib sodiumとBevacizumab硝子体内投与1年の治療効果の比較. 第65回日本臨床眼科学会、東京、2011.
15. 平山真理子、森隆三郎、春山美穂、北川貴子、藤田京子、水谷吉宏、湯澤美都子: 滲出型加齢黄斑変性に対するranibizumab硝子体内投与の12カ月成績. 第65回日本臨床眼科学会、東京、2011.
16. 森隆三郎、湯澤美都子: 網膜血管腫に対

- する光線力学的療法. 第 50 回日本網膜硝子体学会総会・第 28 回日本眼循環学会、東京、2011.
17. 三木明子、本田茂、別所弘朗、近藤直士、田中公二、湯澤美都子: PCV におけるインドシアニングリーン造影所見の遺伝学的検討. 第 65 回日本臨床眼科学会、東京、2011.
18. 森隆三郎、水谷吉宏、湯澤美都子: 網膜血管腫状増殖に対するラニビズマブ硝子体内投与 2 年の効果. 第 29 回日本眼循環学会、秋田、2012.
19. 田中公二、中山智祥、佐藤直之、森隆三郎、川村昭之、湯澤美都子: ポリープ状脈絡膜血管症の亜型と C2、CFB 遺伝子との関係. 第 117 回日本眼科学会、東京、2013.
20. 森隆三郎、湯澤美都子、春山美穂、田中公二: 視力良好なポリープ状脈絡膜血管症に対するラニビズマブ硝子体内投与 2 年の効果. 第 117 回日本眼科学会総会、東京、2013.
21. 藤田京子、永井由巳、藤井澄、森隆三郎、有澤章子、平本裕盛、Wang Edward、足立憲司、Crawford Bruce、宇多重員、高橋寛二、湯澤美都子: 滲出型加齢黄斑変性による患者の QOL への影響. 第 117 回日本眼科学会総会、東京、2013.
22. Morizane Y, Takeuchi K, Suzuki J, Shiraga E, Miller J, Vavas D. AMP-activated protein kinase suppresses matrix metalloproteinase-9 expression and cell migration of mouse retinal pigment epithelium. The 8th APVRS Congress, Nagoya, Japan, 2013.
23. Yamamoto S, et al: Improvement of central vision in retinitis pigmentosa patients treated with UF-021: Phase 2 study. ISCEV, Quebec, 2011.
24. Fukuda S, Nagano M, Yamashita T, Oshika T, Ohneda O: Endothelial progenitor cells with low aldehyde dehydrogenase activity recruited monocyte-derived macrophages through CCL2 secretion and rescued vessel and photoreceptor with retinal degeneration. Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2012.
25. Fukuda S, Nagano M, Yamashita T, Oshika T, Ohneda O: Endothelial progenitor cells from umbilical cord blood rescued vessel and photoreceptor with retinal degeneration. Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2011.
26. Inatani M: Visualization of glaucoma optic neuropathy. Symposium The 1st Asia-Pacific Glaucoma Congress, Bali, Indonesia, 2012.
27. Inatani M: Dynamic imaging of axonal transport in retinal ganglion cells. Symposium The 28th APAO Congress, Hyderabad, India, 2013.
28. Inatani M: Pseudophakic glaucoma, complicated glaucoma. Symposium The 27th APAO Congress, Busan, South Korea, 2012.
29. Yuzawa M: Clinical and angiographic classification of polypoidal choroidal vasculopathy (Invited speaker). The 26th APAO congress, Sydney, Australia, 2011.
30. Yuzawa M: Polypoidal choroidal

vasculopathy: Evidence-based guidelines for clinical diagnosis and treatment. The 26th APAO congress, Sydney, Australia, 2011.

31. Yuzawa M: Is PCV a variant of AMD? (Symposium). The 27th Asia Pacific Academy of Ophthalmology Congress, Busan, South Korea, 2012.

32. Yuzawa M: Pathogenesis and clinical findings of polypoidal choroidal vasculopathy (Invited speaker), International Eye Forum-Taiwan, Taipei, 2013.

33. Yuzawa M: The two kinds of polypoidal vasculopathy (Symposium: PCV). EURETINA, Hamburg, Germany, 2013.

G. 知的所有権の出願・取得取得状況(予定を含む)

1. 特許取得

細胞シート作製方法:PCT/JP2011/060778.

加齢黄斑変性関連遺伝子:C12N 15/09.

その他、各分担研究報告に記載

II. 關 連 業 績 一 覽

1. Sato R, Yasukawa T, Kacza J, Eichler W, Nishiwaki A, Iandiev I, Ohbayashi M, Kato A, Yafai Y, Bringmann A, Takase A, Ogura Y, Seeger J, Wiedemann P: Three-dimensional spheroidal culture visualization of membranogenesis of Bruch's membrane and basolateral functions of the retinal pigment epithelium. *Invest Ophthalmol Vis Sci* 54, 1740-1749, 2013.
2. 安川 力: 加齢黄斑変性に対する抗 VEGF 治療の現状と展望. シンポジウム: 抗 VEGF 治療の基礎と臨床. 第32回日本眼薬理学会 プロシーディング. *眼薬理* 27, 45-50, 2013.
3. 安川 力: 前駆病変と萎縮型加齢黄斑変性の管理と予防的治療. *加齢黄斑変性診療ガイド*. *あたらしい眼科* 20, 1651-1660, 2013.
4. Miyake T, Nishiwaki A, Yasukawa T, Ugawa S, Shimada S, Ogura Y: Possible implication of acid-sensing ion channels in ischemia-induced retinal injury in rats. *Jpn J Ophthalmol* 57, 120-125, 2013.
5. 高橋寛二、小椋祐一郎、石橋達朗、白神史雄、湯澤美都子; 厚生労働省網膜脈絡膜・視神経萎縮症調査研究班加齢黄斑変性治療指針作成ワーキンググループ: 加齢黄斑変性の治療指針、*日眼会誌* 116, 1150-1155, 2012.
6. Tarallo V, Hirano Y, Gelfand BD, Dridi S, Kerur N, Kim Y, Cho WG, Kaneko H, Fowler BJ, Bogdanovich S, Albuquerque RJ, Hauswirth WW, Chiodo VA, Kugel JF, Goodrich JA, Ponicsan SL, Chaudhuri G, Murphy MP, Dunaief JL, Ambati BK, Ogura Y, Yoo JW, Lee DK, Provost P, Hinton DR, Núñez G, Baffi JZ, Kleinman ME, Ambati J: DICER1 loss and Alu RNA induce age-related macular degeneration via the NLRP3 inflammasome and MyD88. *Cell* 149, 847-859, 2012.
7. Tamai K, Matsubara A, Tomida K, Matsuda Y, Morita H, Armstrong D, Ogura Y: Lipid hydroperoxide induced leukocyte-endothelium interaction in the retinal microcirculation. *Studies on retinal and choroidal disorders (Oxidative stress in applied basic research and clinical practice)*. Humana Press, 545-557, 2012.
8. Tujikawa A, Ogura Y: Evaluation of leukocyte-endothelial interactions in retinal diseases. *Ophthalmologica* 227, 68-79, 2012.
9. Ikemori S, Kato A, Yasukawa T, Hattori T, Nozaki M, Ashikari M, Takase A, Morita H, Yoshida M, Ogura Y: Effect of a single-dose regimen of intravitreal ranibizumab in the treatment of neovascular age-related macular degeneration. *J Clin Exp Ophthalmol* 3, 221,

- 2012.
10. Hirano Y, Yasukawa T, Mizutani T, Yoshida M, Ogura Y: Recovery of retinal pigment epithelium correlating with restoration of retinal sensitivity in eyes with a retinal pigment epithelial tear. *Acta Ophthalmol*, 2012. [Epub ahead of print]
 11. Shimura M, Yasuda K, Nakazawa T, Hirano Y, Sakamoto T, Ogura Y, Shiono T: Visual outcome after intravitreal triamcinolone acetonide depends on optical coherence tomographic patterns in patients with diffuse diabetic macular edema. *Retina* 31, 748-754, 2011.
 12. Yasukawa T, Tabata Y, Kimura H, Ogura Y: Ocular drug delivery for bioactive protein. *Expert Rev Ophthalmol*, in press.
 13. Yasukawa T, Tabata Y, Kimura H, Ogura Y: Recent advances in intraocular drug delivery systems. *Recent Pat Drug Deliv Formul* 5, 1-10, 2011.
 14. Mizutani T, Yasukawa T, Ito Y, Takase A, Hirano Y, Yoshida M, Ogura Y: Pneumatic displacement of submacular hemorrhage with or without tissue plasminogen activator. *Graefes Arch Clin Exp Ophthalmol* 249, 1153-1157, 2011.
 15. Ozone D, Hirano Y, Ueda J, Yasukawa T, Yoshida M, Ogura Y: Outcomes and complications of 25-gauge transconjunctival sutureless vitrectomy for proliferative diabetic retinopathy. *Acta Ophthalmol* 226, 76-80, 2011.
 16. 日本網膜硝子体学会トリアムシノロン調査グループ: 坂本泰二、石橋達朗、小椋祐一郎、白神史雄、竹内忍、山下英俊: トリアムシノロンによる無菌性眼内炎調査. *日眼会誌* 115: 523-528, 2011.
 17. Ishikawa K, Yoshida S, Nakano S, Nakama T, Kita T, Asato R, Sassa Y, Arita R, Miyazaki M, Enaida H, Oshima Y, Murakami K, Niuro H, Ono J, Matsuda A, Goto Y, Akashi K, Izuhara K, Kubo A, Kono T, Hafezi-Moghadam A, Ishibashi T: Periostin promotes the generation of fibrous membranes in proliferative vitreoretinopathy. *FASEB J* 1, 131-142, 2014.
 18. Ohno-Matsui K, Hirakata A, Inoue M, Akiba M, Ishibashi T: Evaluation of congenital optic disc pits and optic disc colobomas by swept-source optical coherence tomography. *Invest Ophthalmol Vis Sci* 54, 7769-7778, 2013.
 19. Yoshida S, Nakama T, Ishikawa K, Arima M, Tachibana T, Nakao S, Sassa Y, Yasuda M, Enaida H,

- Oshima Y, Kono T, Ishibashi T: Anti-angiogenic shift in vitreous after vitrectomy in patients with proliferative diabetic retinopathy. *Invest Ophthalmol Vis Sci* 53, 6997–7003, 2013.
20. Yoshida N, Ikeda Y, Notomi S, Ishikawa K, Murakami Y, Hisatomi T, Enaida H, Ishibashi T: Clinical evidence of sustained chronic inflammatory reaction in Retinitis Pigmentosa. *Ophthalmology* 120, 100–105, 2013.
 21. Yoshida N, Ikeda Y, Notomi S, Ishikawa K, Murakami Y, Hisatomi T, Enaida H, Ishibashi T: Laboratory evidence of sustained chronic inflammatory reaction in Retinitis Pigmentosa. *Ophthalmology* 120, 5–12, 2013.
 22. Enaida H, Hachisuka Y, Yoshinaga Y, Ikeda Y, Hisatomi T, Yoshida S, Oshima Y, Kadonosono K, Ishibashi T: Development and preclinical evaluation of a new viewing filter system to control reflection and enhance dye staining during vitrectomy. *Graefes Arch Clin Exp Ophthalmol* 251, 441–451, 2013.
 23. Nakao S, Ishikawa K, Yoshida S, Kohno R, Miyazaki M, Enaida H, Kono T, Ishibashi T: Altered vascular microenvironment by bevacizumab in diabetic fibrovascular membrane. *Retina* 33, 957–963, 2013.
 24. Murakami Y, Notomi S, Hisatomi T, Nakazawa T, Ishibashi T, Miller JW, Vavvas DG: Photoreceptor cell death and rescue in retinal detachment and degenerations. *Prog Retin Eye Res* 37, 114–140, 2013.
 25. Ishikawa K, Yoshida S, Nakao S, Nakama T, Kita T, Asato R, Sassa Y, Arita R, Miyazaki M, Enaida H, Oshima Y, Murakami N, Niino H, Ono J, Matsuda A, Goto Y, Akashi K, Izuhara K, Kudo A, Kono T, Hafezi-Moghadam A, Ishibashi T: Periostin promotes the generation of fibrous membranes in proliferative vitreoretinopathy. *FASEB J*, fj.13-229740, 2013.
 26. Terasaki H, Kase S, Shirasawa M, Otsuka H, Hisatomi T, Sonoda S, Ishida S, Ishibashi T, Sakamoto T: TNF- α decreases VEGF secretion in highly polarized RPE cells but increases it in non-polarized RPE cells related to crosstalk between JNK and NF- κ B pathways. *PLoS One* 8, e69994, 2013.
 27. Zhang H, Yang Y, Takeda A, Yoshimura T, Oshima Y, Sonoda KH, Ishibashi T: A novel platelet-activating factor receptor antagonist inhibits choroidal neovascularization and subretinal fibrosis. *Plos One* 8, e68173, 2013.

28. Gojobori T, Kono T, Ishibashi T: Comparison of gene expression profile of epiretinal membranes obtained from eyes with proliferative vitreoretinopathy to that of secondary epiretinal membranes. *Plos One* 8, e54191, 2013.
29. Notomi S, Hisatomi T, Murakami Y, Terasaki H, Sonoda S, Asato R, Takeda A, Ikeda Y, Enaida H, Sakamoto T, Ishibashi T: Dynamic increase in extracellular ATP accelerates photoreceptor cell apoptosis via ligation of P2RX7 in subretinal hemorrhage. *PLoS One* 8, e53338, 2013.
30. Shirasawa M, Sonoda S, Terasaki H, Arimura N, Otsuka H, Yamashita T, Uchino E, Hisatomi T, Ishibashi T, Sakamoto T: TNF- α disrupts morphologic and functional barrier properties of polarized retinal pigment epithelium. *Exp Eye Res* 110, 59–69, 2013.
31. Ishibashi T; LEVEL-J Study Group: Maintenance therapy with pegaptanib sodium for neovascular age-related macular degeneration: an exploratory study in Japanese patients (LEVEL-J study). *Jpn J Ophthalmol* 57, 417–423, 2013.
32. Okubo A, Unoki K, Yoshikawa H, Ishibashi T, Sameshima M, Sakamoto T: Hyperreflective dots surrounding the central retinal artery and vein in optic disc melanocytoma revealed by spectral domain optical coherence tomography. *Jpn J Ophthalmol* 57, 108–112, 2013.
33. Asakuma T, Yasuda M, Ninomiya T, Noda Y, Arakawa S, Hashimoto S, Ohno-Matsui K, Kiyohara Y, Ishibashi T: Prevalence and risk factors for myopic retinopathy in a Japanese population: the Hisayama Study. *Ophthalmology* 119, 1760–1765, 2012.
34. Murakami Y, Ikeda Y, Yoshida N, Notomi S, Hisatomi T, Oka S, De Luca G, Yonemitsu Y, Bignami M, Nakabeppu Y, Ishibashi T: Receptor interacting protein kinase mediates necrotic cone but not rod cell death in a mouse model of inherited degeneration. *Proc Natl Acad Sci USA* 109, 14598–14603, 2012.
35. Hisatomi T, Nakao S, Murakami Y, Noda K, Nakazawa T, Notomi S, Connolly E, She H, Almulki L, Ito Y, Vavvas DG, Ishibashi T, Miler JW: The regulatory roles of apoptosis-inducing factor in the formation and regression processes of ocular neovascularization. *Am J Pathol* 181, 53–61, 2012.
36. Yoshida S, Nakama T, Ishikawa K, Arima M, Tachibana T, Nakao S, Sassa Y, Yasuda M, Enaida H, Oshima Y, Kono T, Ishibashi T: Antiangiogenic shift in vitreous after vitrectomy

- in patients with proliferative diabetic retinopathy. Invest Ophthalmol Vis Sci 53, 6997–7003, 2012.
37. Ohno-Matsui K, Akiba M, Modegi T, Tomita M, Ishibashi T, Tokoro T, Moriyama M: Association between shape of sclera and myopic retinochoroidal lesions in patients with pathologic myopia. Invest Ophthalmol Vis Sci 53, 6046–6061, 2012.
 38. Ikeda Y, Hisatomi T, Yoshida N, Notomi S, Murakami Y, Enaida H, Ishibashi T: The clinical efficacy of a topical dorzolamide in the management of cystoid macular edema in patients with retinitis pigmentosa. Graefes Arch Clin Exp Ophthalmol 250, 809–814, 2012.
 39. Nakao S, Arima M, Ishikawa K, Kohno R, Kawahara S, Miyazaki M, Yoshida S, Enaida H, Hafezi-Moghadam A, Kono T, Ishibashi T: Intravitreal anti-VEGF therapy blocks inflammatory cell infiltration and re-entry into the circulation in retinal angiogenesis. Invest Ophthalmol Vis Sci 53, 4323–4328, 2012.
 40. Ohno-Matsui K, Akiba M, Moriyama M, Ishibashi T, Hirakata A, Tokoro T: Intrachoroidal cavitation in macular area of eyes with pathologic myopia. Am J Ophthalmol 154, 382–393, 2012.
 41. Ohno-Matsui K, Akiba M, Moriyama M, Shimada N, Ishibashi T, Tokoro T, Spaide RF: Acquired Optic Nerve and Peripapillary Pits in Pathologic Myopia. Ophthalmology 119, 1685–1692, 2012.
 42. Doi N, Sakamoto T, Sonoda Y, Yasuda M, Yonemoto K, Arimura N, Uchino E, Ishibashi T: Comparative study of vitrectomy versus intravitreal triamcinolone for diabetic macular edema on randomized paired-eyes. Graefes Arch Clin Exp Ophthalmol 250, 71–78, 2012.
 43. Fukuda K, Shiraga F, Yamaji H, Nomoto H, Shiragami C, Enaida H, Ishibashi T: Morphological and functional advantages of macular hole surgery with brilliant blue G-assisted internal limiting membrane peeling. Retina 31, 1720–1725, 2011.
 44. Fujita A, Uchino E, Otsuka H, Arimura N, Noda N, Ishibashi T, Sakamoto T: Ocular surface molecule after transconjunctival vitrectomy. Br J Ophthalmol 95, 419–423, 2011.
 45. Ohno-Matsui K, Akiba M, Moriyama M, Ishibashi T, Tokoro T, Spaide RF: Imaging Retrobulbar subarachnoid space around optic nerve by swept source optical coherence tomography in eyes

- with pathologic myopia. *Invest Ophthalmol Vis Sci* 52, 9644–9650, 2011.
46. Sakamoto T, Ishibashi T: Hyalocytes: essential cell of the vitreous cavity in vitreoretinal pathophysiology? *Retina* 31, 222–228, 2011.
 47. Notomi S, Hisatomi T, Kanemaru T, Takeda A, Ikeda Y, Enaida H, Kroemer G, Ishibashi T: Critical involvement of extracellular ATP acting on P2RX7 purinergic receptors in photoreceptor cell death. *Am J Pathol* 179, 2798–2809, 2011.
 48. Jo Y-J, Sonoda K, Oshima Y, Takeda A, Kohno R, Yamada J, Hamano J, Yang Y, Notomi S, Hisatomi T, Ishibashi T: Establishment of a new animal model of focal subretinal fibrosis that resembles disciform lesion in advanced age-related macular degeneration. *Invest Ophthalmol Vis Sci* 52, 6089–6095, 2011.
 49. Miyazaki M, Ikeda Y, Yonemitsu Y, Goto Y, Murakami Y, Yoshida N, Tabata T, Hasegawa M, Tobimatsu S, Sueishi K, Ishibashi T: Pigment epithelium-derived factor gene therapy targeting retinal ganglion cell injuries: neuroprotection against loss of function in two animal models. *Human Gene Therapy* 22, 559–565, 2011.
 50. Arakawa S, Takahashi A, Ashikawa K, Hosono N, Aoi T, Yasuda M, Oshima Y, Yoshida S, Enaida H, Tsuchihashi T, Mori K, Honda S, Negi A, Arakawa A, Kadonosono K, Kiyohara Y, Kamatani N, Nakamura Y, Ishibashi T, Kubo M: Genome-wide association study identifies two susceptibility loci for exudative age-related macular degeneration in the Japanese population. *Nat Genet* 43, 1001–1004, 2011.
 51. Takihara Y, Inatani M, Ogata-Iwao M, Kawai M, Inoue T, Iwao K, Tanihara H: Prospective clinical study of trabeculectomy for open-angle glaucoma in phakic vs pseudophakic eyes after phacoemulsification. *JAMA Ophthalmol*, in press, 2014.
 52. Iwao K, Inatani M, Seto T, Takihara Y, Ogata-Iwao M, Okinami S, Tanihara H: Long-term outcomes and prognostic factors for trabeculectomy with mitomycin C in eyes with uveitic glaucoma: a retrospective cohort study. *J Glaucoma*, in press.
 53. Kameda T, Inoue T, Inatani M, Tanihara H, Japanese Phaco-Goniosynechialysis Multicenter Study Group: Long-term Efficacy of Goniosynechialysis Combined with Phacoemulsification for Primary Angle Closure. *Graefes Arch Clin Exp Ophthalmol* 251, 825–830, 2013.

54. 稲谷 大: 緑内障濾過手術. 眼科 55, 1332-1339, 2013.
55. Kojima S, Inatani M, Shobayashi K, Haga, A, Inoue T, Tanihara H: Risk factors for hyphema after trabeculectomy with mitomycin C. J Glaucoma, 2013. [Epub ahead of print]
56. Goto A, Inatani M, Inoue T, Awai-Kasaoka N, Takihara Y, Ito Y, Fukushima M, Tanihara H: Frequency and risk factors for neovascular glaucoma after vitrectomy in eyes with proliferative diabetic retinopathy. J Glaucoma 22, 572-576, 2013.
57. Kawai M, Inoue T, Inatani M, Tsuboi N, Shobayashi K, Matukawa A, Yoshida A, Tanihara H: Elevated levels of monocyte chemoattractant protein-1 in the aqueous humor after phacoemulsification. Invest Ophthalmol Vis Sci 53, 7951-7960, 2012.
58. Iwao K, Inatani M, Seto T, Takihara Y, Ogata-Iwao M, Okinami S, Tanihara H: Long-term outcomes and prognostic factors for trabeculectomy with mitomycin C in eyes with uveitic glaucoma: a retrospective cohort study. J Glaucoma 23, 88-94, 2012.
59. Awai-Kasaoka N, Inoue T, Takihara Y, Kawaguchi A, Inatani M, Ogata-Iwao M, Tanihara H: Impact of phacoemulsification on failure of trabeculectomy with mitomycin C. J Cataract Refract Surg 38: 419-424, 2012.
60. Inoue T, Inatani M, Takihara Y, Awai-Kasaoka N, Ogata-Iwao M, Tanihara H: Prognostic risk factors for failure of trabeculectomy with mitomycin C after vitrectomy. Jpn J Ophthalmol 56: 464-469, 2012.
61. Kameda T, Inoue T, Inatani M, Fujimoto T, Honjo M, Kasaoka N, Inoue-Mochita M, Yoshimura N, Tanihara H: The effect of Rho-associated protein kinase inhibitor on monkey Schlemm's canal endothelial cells. Invest Ophthalmol Vis Sci 53: 3092-3103, 2012.
62. Inoue T, Kawaji T, Inatani M, Kameda T, Yoshimura N, Tanihara H: Simultaneous increases in multiple proinflammatory cytokines in the aqueous humor of pseudophakic glaucomatous eyes. J Cataract Refract Surg 38: 1389-1397, 2012.
63. Kameda T, Inoue T, Inatani M, Tanihara H; Japanese Phaco-Goniosynechialysis Multicenter Study Group: Long-term efficacy of goniosynechialysis combined with phacoemulsification for primary angle closure. Graefes Arch Clin Exp Ophthalmol 251, 825-830, 2012.
64. Takihara Y, Inatani M, Kawaji T, Fukushima M, Iwao K, Iwao M, Tanihara H: Combined

intravitreal bevacizumab and trabeculectomy with mitomycin C versus trabeculectomy with mitomycin C alone for neovascular glaucoma. *J Glaucoma* 20, 196–201, 2011.

65. Takihara Y, Inatani M, Seto T, Iwao K, Iwao M, Inoue T, Kasaoka N, Murakami A, Futa R, Tanihara H: Trabeculectomy with mitomycin C for open-angle glaucoma in phakic eyes vs pseudophakic eyes after phacoemulsification. *Arch Ophthalmol* 129, 152–157, 2011.
66. Yamamoto T, Kuwayama Y, for The Collaborative Bleb-related Infection Incidence and Treatment Study Group: Interim clinical outcomes in the collaborative bleb-related infection incidence and treatment study. *Ophthalmology* 118, 453–458, 2011.
67. Iwao K, Inatani M, Tanihara H on behalf of the Japanese Steroid-Induced Glaucoma Multicenter Study Group: Success rates of trabeculectomy for steroid-induced glaucoma: a comparative, multicenter, retrospective, cohort study. *Am J Ophthalmol* 151, 1047–1056, 2011.
68. Takihara Y, Inatani M, Hayashi H, Adachi N, Iwao K, Inoue T, Iwao M, Tanihara H: Dynamic imaging of axonal transport in living retinal ganglion cells. *Invest Ophthalmol Vis Sci* 52, 3039–3045, 2011.
69. Yasumura R, Meguro A, Ota M, Nomura E, Uemoto R, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Ohno S, Inoko H, Mizuki N: Investigation of the association between SLC1A3 gene polymorphisms and normal tension glaucoma. *Mol Vis* 17, 792–796, 2011.
70. Ogata-Iwao M, Inatani M, Iwao K, Takihara Y, Nakaishi-Fukuchi Y, Irie F, Sato S, Furukawa T, Yamaguchi Y, Tanihara H: Heparan sulfate regulates intraretinal axon pathfinding by retinal ganglion cells. *Invest Ophthalmol Vis Sci* 52, 6671–6679, 2011.
71. Fukuda S, Ohneda O, Oshika T: Oxidative stress retards vascular development before neural degeneration occurs in retinal degeneration rd1 mice. *Graefes Arch Clin Exp Ophthalmol* 252, 411–416, 2014.
72. Fukuda S, Nagano M, Yamashita T, Kimura K, Tsuboi I, Salazar G, Ueno S, Kondo M, Kunath T, Oshika T, Ohneda O: Functional endothelial progenitor cells selectively recruit neurovascular protective monocyte-derived F4/80(+)/Ly6c(+) macrophages in a mouse model of retinal degeneration. *Stem Cells* 31, 2149–2161, 2013.

73. Sugiura Y, Okamoto F, Okamoto Y, Hasegawa Y, Hiraoka T, Oshika T: Ophthalmodynamometric pressure in eyes with proliferative diabetic retinopathy measured during pars plana vitrectomy. *Am J Ophthalmol* 151, 624–629, 2011.
74. Ishii K, Iwata H, Oshika T: Quantitative evaluation of changes in eyeball shape in emmetropization and myopic changes based on elliptic fourier descriptors. *Invest Ophthalmol Vis Sci* 52, 8585–8591, 2011.
75. 長谷川優実、岡本史樹、平岡孝浩、安野嘉晃、巻田修一、大鹿哲郎: 高侵達光干渉断層計による脈絡膜骨腫の観察. *日眼会誌* 115、1036–1042, 2011.
76. Lim Y, Yamanari M, Fukuda S, Kaji Y, Kiuchi T, Miura M, Oshika T, Yasuno Y: Birefringence measurement of cornea and anterior segment by office-based polarization-sensitive optical coherence tomography. *Biomed Opt Express* 2, 2392–2402, 2011.
77. Fukuda S, Kawana K, Yasuno Y, Oshika T: Repeatability and reproducibility of anterior chamber volume measurement using 3-dimensional anterior segment optical coherence tomography. *J Cataract Refract Surg* 37, 461–468, 2011.
78. Wolf S, Balciuniene VJ, Laganovska G, Menchini U, Ohno-Matsui K, Sharma T, Wong TY, Silva R, Pilz S, Gekkieva M; RADIANCE Study Group: RADIANCE: A randomized controlled study of ranibizumab in patients with choroidal neovascularization secondary to pathologic myopia. *Ophthalmology*, in press.
79. Khor CC, Miyake M, Chen LJ, Shi Y, Barathi VA, Qiao F, Nakata I, Yamashiro K, Zhou X, Tam PO, Cheng CY, Tai ES, Vithana EN, Aung T, Teo YY, Wong TY, Moriyama M, Ohno-Matsui K, Mochizuki M, Matsuda F; Nagahama Study Group, Yong RY, Yap EP, Yang Z, Pang CP, Saw SM, Yoshimura N: Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. *Hum Mol Genet* 22, 5288–5294, 2013.
80. Takahashi H, Ishizuka A, Miyanaga M, Kawaguchi T, Ohno-Matsui K, Mochizuki M: Choroidal thickness in convalescent Vogt-Koyanagi-Harada disease. *RETINA*, in press.
81. Shinohara K, Moriyama M, Shimada N, Tanaka Y, Ohno-Matsui K: Myopic stretch lines: linear lesions in fundus of eyes with pathologic myopia that differ from lacquer cracks. *RETINA*, in press.
82. Koh VT, Nah GK, Chang L, Yang AH, Lin ST, Ohno-Matsui K, Wong TY, Saw SM: Pathologic

- changes in highly myopic eyes of young males in singapore. *Ann Acad Med Singapore* 42, 216-224, 2013.
83. Shimada N, Tanaka Y, Tokoro T, Ohno-Matsui K: Natural course of myopic traction maculopathy and factors associated with progression or resolution. *Am J Ophthalmol* 156, 948-957, 2013.
 84. Miyake M, Yamashiro K, Nakanishi H, Nakata I, Akagi-Kurashige Y, Tsujikawa A, Moriyama M, Ohno-Matsui K, Mochizuki M, Yamada R, Matsuda F, Yoshimura N: Insulin-like growth factor 1 is not associated with high myopia in a large Japanese cohort. *Mol Vis* 19, 1074-1081, 2013.
 85. Miyake M, Yamashiro K, Nakanishi H, Nakata I, Akagi-Kurashige Y, Kumagai K, Oishi M, Tsujikawa A, Moriyama M, Ohno-Matsui K, Mochizuki M, Yoshimura N: Evaluation of pigment epithelium-derived factor and complement factor I polymorphisms as a cause of choroidal neovascularization in highly myopic eyes. *Invest Ophthalmol Vis Sci* 54, 4208-4212, 2013.
 86. Yokoi T, Moriyama M, Hayashi K, Shimada N, Tomita M, Yamamoto N, Nishikawa T, Ohno-Matsui K: Predictive factors for comorbid psychiatric disorders and their impact on vision-related quality of life in patients with high myopia. *Int Ophthalmol*, in press.
 87. Shinohara K, Moriyama M, Shimada N, Nagaoka N, Ishibashi T, Tokoro T, Ohno-Matsui K: Analyses of shape of eyes and structure of optic nerves in eyes with tilted disc syndrome by swept-source optical coherence tomography and three dimensional magnetic resonance imaging. *Eye* 27, 1233-1241, 2013.
 88. Chang L, Pan CW, Ohno-Matsui K, Lin X, Cheung GC, Gazzard G, Koh V, Hamzah H, Tai ES, Lim SC, Mitchell P, Young TL, Aung T, Wong TY, Saw SM: Myopia-related fundus changes in singapore adults with high myopia. *Am J Ophthalmol* 155, 991-999, 2013.
 89. Ohno-Matsui K, Akiba M, Moriyama M: Macular pits and scleral dehiscence in highly myopic eyes with macular chorioretinal atrophy. *Retinal Cases Brief Rep* 7, 334-337, 2013.
 90. Ohno-Matsui K, Kasahara K, Moriyama M: Characteristics of intrachoroidal cavitation located temporal to optic disc in highly myopic eyes. *Eye* 27, 630-638, 2013.
 91. Jonas JB, Spaide RF, Ohno-Matsui K: Macular Bruch's membrane defects and axial length: association with gamma zone and delta zone in peripapillary region. *Invest Ophthalmol Vis Sci* 54, 1295-1302, 2013.

92. Ohno-Matsui K, Kasahara K, Moriyama M: Detection of Zinn-Haller arterial ring in highly myopic eyes by simultaneous indocyanine green angiography and optical coherence tomography. *Am J Ophthalmol* 155, 920–926, 2013.
93. Yokoi T, Moriyama M, Hayashi K, Shimada N, Ohno-Matsui K: Evaluation of refractive error after cataract surgery in highly myopic eyes. *Int Ophthalmol* 33, 343–348, 2013.
94. Hayashi K, Katori N, Kasai K, Kamisasanuki T, Kokubo K, Ohno-Matsui K: Comparisons of nylon monofilament suture to polytetrafluoroethylene sheet for frontalis suspension surgery in eyes with congenital ptosis. *Am J Ophthalmol* 155, 654–663, 2013.
95. Ishida T, Ohno-Matsui K, Mochizuki M: Polypoidal choroidal vasculopathy in a case with retinitis pigmentosa. *Int Ophthalmol* 33, 305–308, 2013.
96. Tsuchiya K, Moriyama M, Ohno-Matsui K: Development of peripapillary venous loop in eye with small optic disc. *Int Ophthalmol* 32, 171–175, 2012.
97. Hayashi K, Shimada N, Moriyama M, Hayashi W, Tokoro T, Ohno-Matsui K: Two year outcomes of intravitreal bevacizumab for choroidal neovascularization in Japanese patients with pathological myopia. *Retina* 32, 687–695, 2012.
98. Li YJ, Goh L, Khor CC, Fan Q, Yu M, Han S, Sim X, Ong RT, Wong TY, Vithana EN, Yap E, Nakanishi H, Matsuda F, Ohno-Matsui K, Yoshimura N, Seielstad M, Tai ES, Young TL, Saw SM: Genome-wide association studies reveal genetic variants in CTNND2 for high myopia in Singapore Chinese. *Ophthalmology* 118, 368–375, 2011.
99. Fukuda F, Shimada N, Ishida T, Furuse Y, Tobita H, Ohno-Matsui K: Bilateral circumscribed choroidal hemangioma with retinal and choroidal venous abnormalities. *Jpn J Ophthalmol* 55, 688–690, 2011.
100. Wang J, Ohno-Matsui K, Nakahama K, Okamoto A, Yoshida T, Shimada N, Mochizuki M, Morita I: Amyloid β enhances migration of endothelial progenitor cells by up-regulating CX3CR1 in response to fractalkine, which may be associated with development of choroidal neovascularization. *Arterioscler Thromb Vasc Biol* 31, e11–18, 2011.
101. Nagaoka N, Shimada N, Hayashi W, Hayashi K, Moriyama M, Yoshida T, Tokoro T, Ohno-Matsui K: Characteristics of periconus choroidal neovascularization in pathological myopia. *Am J*

- Ophthalmol 152, 420-427, 2011.
102. Ohno-Matsui K, Shimada N, Yasuzumi Y, Hayashi K, Yoshida T, Kojima A, Moriyama M, Tokoro T: Long-term development of significant visual field defects in highly myopic eyes. Am J Ophthalmol 152, 256-265, 2011.
 103. Shimada N, Hayashi K, Yoshida T, Tokoro T, Ohno-Matsui K: Development of Macular Detachment after successful intravitreal bevacizumab for myopic choroidal neovascularization. Jpn J Ophthalmol 55, 378-382, 2011.
 104. Tanaka Y, Shimada Y, Moriyama M, Hayashi K, Yoshida T, Tokoro T, Ohno-Matsui K: Natural history of lamellar macular holes in highly myopic eyes. Am J Ophthalmol 152, 96-99, 2011.
 105. Moriyama M, Ohno-Matsui K, Hayashi K, Shimada N, Yoshida T, Tokoro T, Morita I: Topographical analyses of shape of eyes with pathologic myopia by high-resolution three dimensional magnetic resonance imaging. Ophthalmology 118, 1626-1637, 2011.
 106. Hayashi W, Shimada N, Hayashi K, Moriyama M, Yoshida T, Tokoro T, Ohno-Matsui K: Retinal vessels in high myopia. Ophthalmology 118, 791, 2011.
 107. Ohno-Matsui K, Shimada N, Nagaoka N, Tokoro T, Mochizuki M: Choroidal folds radiating from edge of inferior staphyloma in eye with tilted disc syndrome. Jpn J Ophthalmol 55, 171-173, 2011.
 108. Nagaoka N, Ohno-Matsui K, Saka N, Tokoro T, Mochizuki M: Clinical characteristics of patients with congenital high myopia. Jpn J Ophthalmol 55, 7-10, 2011.
 109. Hayashi K, Ohno-Matsui K, Shimada N, Moriyama M, Hayashi W, Wang J, Yoshida T, Tokoro T, Mochizuki M: Long-term results of photodynamic therapy for choroidal neovascularization in Japanese patients with pathological myopia. Am J Ophthalmol 151, 137-147, 2011.
 110. Moriyama M, Ohno-Matsui K, Shimada N, Hayashi K, Kojima A, Yoshida T, Tokoro T, Mochizuki M: Correlation between visual prognosis and fundus autofluorescence and optical coherence tomographic findings in highly myopic eyes with submacular hemorrhage and without choroidal neovascularization. Retina 31, 74-80, 2011.
 111. Yamashita T, Tanaka M, Kii Y, Nakao K, Sakamoto T: Association between retinal thickness of 64 sectors in posterior pole determined by optical coherence tomography and axial length and body height. Invest Ophthalmol Vis Sci 54, 7478-7482, 2013.

112. Takenouchi K, Shrestha B, Yamakuchi M, Yoshinaga N, Arimura N, Kawaguchi H, Nagasato T, Feil R, Kawahara K, Sakamoto T, Maruyama I, Hashiguchi T: Upregulation of non- β cell-derived vascular endothelial growth factor A increases small cluster of insulin-producing cells in the pancreas. *Exp Clin Endocrinol Diabetes*, in press.
113. Kamisasanuki T, Katori N, Kasai K, Hayashi K, Kokubo K, Ota Y, Sakamoto T: Adhesiotomy with grafting of fat and perifascial areolar tissue for adhesions of extraocular muscles after trauma or surgery. *Graefes Arch Clin Exp Ophthalmol*, in press.
114. Kawano H, Ito T, Yamada S, Hashiguchi T, Maruyama I, Hisatomi T, Nakamura M, Sakamoto T: Toxic effects of extracellular histones and their neutralization by vitreous in retinal detachment. *Lab Invest*, in press.
115. Yamashita T, Kii Y, Tanaka M, Yoshinaga W, Nakao K, Sakamoto T: Relationship between supernormal sectors of retinal nerve fibre layer and axial length in normal eyes. *Acta Ophthalmol*, in press.
116. Sonoda S, Sakamoto T: Blood component and OCT. *Curr Eye Res*, in press.
117. Yamashita T, Sakamoto T: Individualized postruring. *Retina*, in press.
118. Yamashita T, Tanaka M, Kii Y, Nakao K, Sakamoto T: Association between retinal thickness of 64 sectors in posterior pole determined by optical coherence tomography and axial length and body height. *Invest Ophthalmol Vis Sci* 54, 7478–7482, 2013.
119. Matsuo Y, Sakamoto T, Yamashita T, Tomita M, Shirasawa M, Terasaki H: Comparisons of choroidal thickness of normal eyes obtained by two different spectral-domain OCT and one swept-source OCT instruments. *Invest Ophthalmol Vis Sci* 54, 7630–7636, 2013.
120. Okubo A, Sameshima M, Sakamoto T: Choroidal venous pulsations at an arterio-venous crossing in polypoidal choroidal vasculopathy. *Korean J Ophthalmol* 27, 384–387, 2013.
121. Uemura A, Otsuji F, Nakano T, Sakamoto T: Vitreomacular interface and outer foveal microstructure in fellow eyes of patients with unilateral macular holes. *Retina*, in press.
122. Sonoda S, Sakamoto T, Otsuka H, Yoshinaga N, Yamashita T, Ki-I Y, Okubo A, Yamashita T, Arimura N: Responsiveness of eyes with polypoidal choroidal vasculopathy with choroidal hyperpermeability to intravitreal ranibizumab. *BMC Ophthalmol* 13, 43, 2013.

123. Sonoda S, Sakamoto T, Shirasawa M, Yamashita T, Otsuka H, Terasaki H: Correlation between reflectivity of subretinal fluid in OCT images and concentration of intravitreal VEGF in eyes with diabetic macular edema. *Invest Ophthalmol Vis Sci* 54, 5367–5374, 2013.
124. Yamashita T, Kii Y, Tanaka M, Sakamoto T: Relationship between position of peak retinal nerve fiber layer thickness and retinal arteries on sectoral retinal nerve fiber layer thickness. *Invest Ophthalmol Vis Sci* 54, 5481–5488, 2013.
125. Sonoda S, Sakamoto T, Yamashita T, Shirasawa M, Otsuka T, Sonoda Y: Retinal morphological changes and concentrations of cytokines in eyes with diabetic macular edema. *Retina*, in press.
126. Otsuka H, Kawano H, Sonoda S, Nakamura M, Sakamoto T: Particle-induced endophthalmitis: Possible mechanisms of sterile endophthalmitis after intravitreal triamcinolone. *Invest Ophthalmol Vis Sci* 11, 54, 1758–1766, 2013.
127. Ki-I Y, Yamashita T, Uemura A, Sakamoto T: Long-term intraocular pressure changes after combined phacoemulsification, intraocular lens implantation, and vitrectomy. *Jpn J Ophthalmol* 57, 57–62, 2013.
128. Yamashita T, Yamashita T, Kawano H, Sonoda Y, Yamakiri K, Sakamoto T: Early Imaging of Macular Hole Closure: A Diagnostic Technique and Its Quality for Gas-Filled Eyes with Spectral Domain Optical Coherence Tomography. *Ophthalmologica* 229, 43–49, 2013.
129. Yamamoto T, Kuwayama Y, Kano K, Sawada A, Shoji N; for the Study Group for the Japan Glaucoma Society Survey of Bleb-related Infection: Clinical features of bleb-related infection: a 5-year survey in Japan. *Acta Ophthalmol* 91, e420–426, 2013.
130. Ki-I Y, Yamashita T, Uemura A, Sakamoto T: Long-term intraocular pressure changes after combined phacoemulsification, intraocular lens implantation, and vitrectomy. *Jpn J Ophthalmol* 57, 57–62, 2013.
131. Yamashita T, Yamashita T, Kawano H, Sonoda Y, Yamakiri K, Sakamoto T: Early imaging of macular hole closure: a diagnostic technique and its quality for gas-filled eyes with spectral domain optical coherence tomography. *Ophthalmologica* 229, 43–49, 2013.
132. 齊之平真弓、大久保明子、坂本泰二: 鹿児島大学附属病院ロービジョン外来における原因疾患別のニーズと光学的補助具. *眼科臨床紀要* 5, 429–432, 2012.

133. Terasaki H, Shirasawa M, Yamashita T, Yamashita T, Yamakiri K, Sonoda S, Sakamoto T: Comparison of foveal microstructure imaging with different spectral domain optical coherence tomography machines. *Ophthalmology* 119, 2319–2327, 2012.
134. Yamashita T, Yamashita T, Shirasawa M, Arimura N, Terasaki H, Sakamoto T: Repeatability and reproducibility of subfoveal choroidal thickness in normal eyes of Japanese using different SD-OCT devices. *Invest Ophthalmol Vis Sci* 53, 1102–1107, 2012.
135. Sonoda S, Tachibana K, Yamashita T, Shirasawa M, Terasaki H, Uchino E, Suzuki R, Maruyama K, Sakamoto T. Selective gene transfer to the retina using intravitreal ultrasound irradiation. *J Ophthalmol* 2012, 412752, 2012.
136. Nakao K, Abematsu N, Mizushima Y, Sakamoto T: Optic disc swelling in Vogt-Koyanagi-Harada disease. *Invest Ophthalmol Vis Sci* 53, 1917–1922, 2012.
137. Yamakiri K, Sakamoto T: Early diagnosis of macular hole of gas-filled eyes with Watzke-Allen slit beam test and SD-OCT. *Retina* 32, 767–772, 2012.
138. Kamissasanuki T, Uchino E, Sakamoto T: Choroidal neovascularization of optic disk melanocytoma treated with bevacizumab. *Eur J Ophthalmol* 22, 503–505, 2012.
139. Kawano H, Uemura A, Sakamoto T: Incidence of outer foveal defect after macular hole surgery. *Am J Ophthalmol* 151, 318–322, 2011.
140. Matsuo Y, Uemura A, Nakano T, Inoue M, Sakamoto T: Atypical presentation of acute macular neuroretinopathy with tiny parafoveal reddish-brown lesions. *Jpn J Ophthalmol* 55, 362–364, 2011.
141. Yoshinaga N, Arimura N, Otsuka H, Kawahara K, Hashiguchi T, Maruyama I, Sakamoto T: NSAIDs inhibit neovascularization of choroid through HO-1-dependent pathway. *Lab Invest* 91, 1277–1290, 2011.
142. Ueno Y, Sonoda S, Suzuki R, Yokouchi M, Kawasoe Y, Tachibana K, Maruyama K, Sakamoto T, Komiya S: Combination of ultrasound and bubble liposome enhance the effect of doxorubicin and inhibit murine osteosarcoma growth. *Cancer Biol Ther* 12, 270–277, 2011.
143. Shirasawa M, Arimura N, Otsuka H, Sonoda S, Hashiguchi T, Sakamoto T: Intravitreal VEGF-A in eyes with massive vitreous hemorrhage. *Graefes Arch Clin Exp Ophthalmol* 249, 1805–1810,

2011.

144. Kamisasanuki T, Tokushige S, Terasaki T, Khai NC, Wang Y, Sakamoto T, Kosai K: Targeting CD9 produces stimulus-independent antiangiogenic effects predominantly in activated endothelial cells during angiogenesis: a novel antiangiogenic therapy. *Biochem Biophys Res Commun* 413, 128-135, 2011.
145. Kawano H, Kawano K, Sakamoto T: Separate limbal-conjunctival autograft transplantation using the inferior conjunctiva for primary pterygium. *Oman J Ophthalmol* 4, 120-124, 2011.
146. Hirooka K, Tenkumo K, Fujiwara A, Baba T, Sato S, Shiraga F: Evaluation of peripapillary choroidal thickness in patients with normal-tension glaucoma. *BMC Ophthalmology*, in press.
147. Nitta E, Hirooka K, Tenkumo K, Fujita T, Nishiyama A, Nakamura T, Itano T, Shiraga F: Aldosterone: a mediator of retinal ganglion cell death and the potential role in the pathogenesis in normal-tension glaucoma. *Cell Death and Disease*, in press.
148. Morizane Y, Shiraga F, Kimura S, Hosokawa M, Shiode Y, Kawata T, Hosogi M, Shirakata Y, Okanouchi T: Autologous transplantation of the internal limiting membrane for refractory macular holes. *Am J Ophthalmology*, in press.
149. Tenkumo K, Hirooka K, Baba T, Nitta E, Sato S, Shiraga F: Evaluation of relationship between retinal nerve fiber layer thickness progression and visual field progression in patients with glaucoma. *Jpn J Ophthalmol*, in press.
150. Nitta E, Shiraga F, Shiragami C, Fukuda K, Yamashita A, Fujiwara A: Displacement of the retina and its recovery after vitrectomy in idiopathic epiretinal membrane. *Am J Ophthalmol* 155, 1014-1020, 2013.
151. Sato S, Hirooka K, Baba T, Tenkumo K, Nitta E, Shiraga F: Correlation between the ganglion cell-inner plexiform layer thickness measured with cirrus HD-OCT and macular visual field sensitivity measured with microperimetry. *Invest Ophthalmol Vis Sci* 54, 3046-3051, 2013.
152. Shiraga F, Takasu I, Fukuda K, Fujita T, Yamashita A, Hirooka K, Shirakata Y, Morizane Y, Fujiwara A: Modified vitreous surgery for symptomatic lamellar macular hole with epiretinal membrane containing macular pigment. *Retina* 33, 1263-1269, 2013.
153. Nakano Y, Nomoto H, Fukuda K, Yamaji H, Fujita T, Inoue Y, Shiraga F: Combined 25-gauge