

糸状仮足形成を制御するシグナル分子. 第 17 回日本血管生物医学会、東京都、2009.

植村明嘉、他：虚血網膜内における機能的血管再生をめざして一発生期網膜をモデルとしたアプローチ. 第113回日本眼科学会総会、東京都、2009.

Murakami A: Molecular genetics of retinitis pigmentosa and allied disease. 2009  
Korea-Japan joint symposium of clinical electrophysiology of Vision、浦安市、2009.

Murakami A: Proinflammatory effect of TWEAK/Fn14 interaction in human retinal pigment epithelial cells. Okinawa Institute of Science and Technology International Workshop Retina: Neural Stem Cells and Photoreceptor Degeneration、沖縄県恩納村、2009.

藤巻拓郎、他：2家系4症例に見出された *OPAI* 遺伝子変異. 第 113 回日本眼科学会総会、東京都、2009.

Fujimaki T, et al : *OPAI* mutations in four patients from two families. The 24th Asia-Pacific Academy of Ophthalmology Congress, 2009.

北橋正康、他：黄斑下血腫に対するガス血腫移動とアバスチン™硝子体注入の併用療法. 第32回日本眼科手術学会、神戸市、2009.

北橋正康、他：黄斑下血腫に対するbevacizumab

併用ガス血腫移動術後の網膜外層形態の評価. 第48回日本網膜硝子体学会、名古屋市、2009.

相澤さやか、他：網膜色素変性における眼底自発蛍光、視細胞内節外節境界、視機能の変化. 第113回日本眼科学会総会、東京都、2009.

Oshitari T, et al: Enhancement of neurite regeneration in isolated adult rat diabetic retinas by neurotrophic factors and citicoline. Association for Research in Vision and Ophthalmology Annual Meeting (ARVO). Fort Lauderdale, Florida. 2009.

湯澤美都子、久保田伸枝、石橋達朗、本田孔士：身体障害者の視力・視野判定の問題. 第 63 回日本臨床眼科学会(シンポジウム)、福岡市、2009.

松本容子、他：滲出型加齢黄斑変性に対する ranibizumab 単独投与と光線力学療法併用の比較. NOW2009 (第48回日本網膜硝子体学会総会、第26回日本眼循環学会、第15回日本糖尿病眼学会総会 合同学会)、名古屋市、2009.

森隆三郎：加齢黄斑変性診療のcurrent trend ポリプ状脈絡膜血管症に対するラニビズマブ硝子体投与. 第26回日本眼循環学会シンポジウム、名古屋市、2009.

大音壮太郎 他：補償光学を適応した走査型レーザー検眼鏡を用いた中心性漿液性網脈絡膜症の視細胞構造. 第45回日本眼光学学会総会、

東京都、2009.

大音壮太郎 他:補償光学適用走査型レーザー  
検眼鏡による中心性漿液性網脈絡膜症の視細胞  
構造. 第63回日本臨床眼科学会、博多市、  
2009.

山下彩奈、白神史雄、ほか: ポリリーブ状脈絡膜  
血管症に対するreduced fluence PDTの2年成績.  
第64回日本臨床眼科学会、神戸市、2010.

Hagiwara A, Ogata K, Oomachi K, Sugawara  
T, Yamamoto S: Contrast visual acuity of  
retinitis pigmentosa patients after cataract  
surgery. The Association for Research in  
Vision and Ophthalmology (ARVO), Fort  
Lauderdale, Florida, 2010.

Shimizu D, Sugawara T, Watanabe M,  
Hagiwara A, and Yamamoto S: Assessment of  
paramacular retinal sensitivity in patients with  
retinitis pigmentosa. The Association for  
Research in Vision and Ophthalmology (ARV  
O), Fort Lauderdale, Florida, 2010.

Yamamoto S, Kitahashi M, Ohoka E, Kubota-  
Taniai M, Mitamura Y: Correlation between  
foveal outer nuclear layer thickness and visual  
acuity in eyes with submacular hemorrhage  
treated with intravitreal bevacizumab and  
pneumatic displacement. The Association for  
Research in Vision and Ophthalmology (ARV  
O), Fort Lauderdale, Florida, 2010.

Oshitari T, Yoshida-Hata N, Yamamoto S:  
Neuroprotective effect of neurotrophic factors,  
VEGF, and citicoline on retinal neuronal cell  
death induced by high glucose exposure. The  
Association for Research in Vision and  
Ophthalmology (ARVO), Fort Lauderdale,  
Florida, 2010.

清水大輔、菅原岳史、萩原章、太和田彩子、山  
本修一:網膜色素変性における傍黄斑部網膜機  
能の評価. 第114回日本眼科学会総会、名古屋、  
2010.

萩原章、小片一葉、大町和美、菅原岳史、山本  
修一:網膜色素変性における白内障手術による  
コントラスト視力の変化. 第114回日本眼科学会  
総会、名古屋市、2010.

萩原章、三田村佳典、木本龍太、菅原岳史、山  
本修一:網膜色素変性における外境界膜、視細  
胞内節外節接合部と視機能の関係. 第64回日本  
臨床眼科学会、神戸市、2010.

菅原岳史、萩原章、木本龍太、白戸勝、山本修  
一:網膜色素変性におけるハンフリー視野計の  
傍中心窩感度と黄斑所見. 第64回日本臨床眼科  
学会、神戸市、2010.

馬場隆之、北橋正康、窪田真理子、大岡恵美、  
半田満野:中心窩下に網膜色素上皮剥離を認め  
た視力良好な加齢黄斑変性症例の臨床経過.  
第49回日本網膜硝子体学会、大阪市、2010.

- 北橋正康、馬場隆之、大岡恵美、窪田真理子、山本修一: ranibizumab硝子体内注射併用時間短縮reduced fluence光線力学的療法の短期治療成績. 第49回日本網膜硝子体学会、大阪市、2010.
- 三宅太一郎、澤田修、柿木雅志、澤田智子、川村肇、大路正人: カニクイザルを用いたベバシズマブ硝子体内投与における薬物動態の解析. 第114回日本眼科学会総会、名古屋市、2010.
- 柿木雅志、三宅太一郎、澤田修、澤田智子、川村肇、大路正人: カニクイザルを用いた無硝子体眼へのベバシズマブ硝子体投与におけるVEGF濃度の解析. 第49回日本網膜硝子体学会総会、大阪市、2010.
- 澤田修、三宅太一郎、柿木雅志、澤田智子、川村肇、大路正人: 加齢黄斑変性に対する抗VEGF薬の硝子体内注射前後のVEGF濃度, 第48回日本網膜硝子体学会総会・第26回日本眼循環学会、名古屋市、2009.
- Sawada O, Ohji M: Aqueous humor concentrations of vascular endothelial growth factor before and after intravitreal bevacizumab in age-related macular degeneration. (First Place Award) American Society of Retina Specialists 28<sup>th</sup> Annual Meeting, Vancouver, BC, Canada 2010.
- Nakamura M: The role of aquaporin in glaucomatous optic neuropathy. 第25回アジア太平洋眼科連合会議 シンポジウム、北京、2010.
- 中真衣子、金森章泰、石川久美子、他: 慢性高眼圧ラット視神経乳頭および網膜アクアポリン9発現に及ぼす影響. 第21回日本緑内障学会、福岡市、2010.
- 本田茂: 近未来の加齢黄斑変性治療を理解するために必要なゲノム学概説. 第64回日本臨床眼科学会、神戸市、2010.
- Takahashi K: Clinical features of polypoidal choroidal vasculopathy with hyperpermeability. 27<sup>th</sup> Meeting of the Club Jules Gonin, Kyoto, 2010.
- Ohnaka M, Takahashi K, et al: Effects of arginase II on retinal pigment epithelial cells in gyrate atrophy. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.
- 高橋寛二: 病理から見た滲出型加齢黄斑変性の病態. 第27回日本眼循環学会、神戸市、2010.
- 永井由巳、有澤章子、高橋寛二ほか: 狭義加齢黄斑変性に対するranibizumab硝子体注射の治療成績. 第114回日本眼科学会、名古屋市、2010.
- 尾辻剛、永井由巳、高橋寛二ほか: ポリープ状脈

絡膜血管症に対するranibizumab硝子体注射の  
治療成績. 第114回日本眼科学会総会、名古屋  
市、2010.

吉川匡宣、緒方奈保子、高橋寛二ほか: 小胞体  
ストレス負荷時の網膜色素上皮細胞における  
tight junctionの変化. 第114回日本眼科学会総  
会、名古屋市、2010.

有澤章子、永井由巳、高橋寛二ほか: 滲出型加  
齢黄斑変性に対するranibizumab硝子体注射後  
の脈絡膜新生血管の変化. 第64回日本臨床眼  
科学会、神戸市、2010.

正健一郎、尾辻剛、高橋寛二ほか: ラニビズマブ  
硝子体内注射における反応不良例の検討. 網  
膜2010、大阪市、2010.

Asakuma T, Yasuda M, Arakawa S, Noda Y,  
Ohno-Matui K, Kiyohara Y, Ishibashi T:  
Prevalence of myopic macular degeneration in a  
Japanese population: The Hisayama Study. The  
Association for Research in Vision and  
Ophthalmology (ARVO), Fort Lauderdale,  
Florida, 2010.

安田美穂、荒川聡、朝隈朋子、大島裕司、吉田  
綾子、狩野久美子、石川柱二郎、長谷川英一、  
安里瞳、安里良、納富昭司、石橋達朗: 加齢  
黄斑変性およびドルーゼンにおける高感度CR  
P値の検討. 第114回日本眼科学会総会、名古屋  
市、2010.

朝隈朋子、安田美穂、荒川聡、野田佳宏、大野  
京子、清原裕、石橋達朗: 一般住民における  
近視性黄斑変性の有病率: 久山町研究. 第114  
回日本眼科学会総会、名古屋市、2010.

Kondo M, Yasuda S, Kachi S, Piao CH, Ueno S,  
Terasaki H: Significant correlations between ERG  
components and VEGF concentration in aqueous  
humor in eyes with central retinal vein occlusion.  
XL VIIIth ISCEV, Western Australia, 2010.

Ueno S, Kondo M, Koyasu T, Yasuda S, Terasaki  
H: Focal cone ERG changes during retinal  
degeneration in rhodopsin Pro347Leu transgenic  
rabbits. XL VIIIth ISCEV, Western Australia,  
2010.

Yasuda S, Kondo M, Ueno S, Ito Y, Terasaki H:  
Morphological changes of the macula in occult  
macular dystrophy determined by  
spectral-domain optical coherence tomography.  
XL VIIIth ISCEV, Western Australia, 2010.

Terasaki H: Longitudinal observations of axial  
length elongation and choroidal thinning in highly  
myopic normal eyes with myopic complications in  
fellow eyes. XXVIIth Meeting of the Club Jules  
Gonin, Kyoto, 2010.

Terasaki H: Surgical treatment for retinopathy of  
prematurity with anti-VEGF agent. The 25<sup>th</sup>  
APAO Congress, Beijing, 2010.

- Ishikawa K, Ozawa S, Ito Y, Kondo M, Terasaki H: Focal Macular Electroretinograms after Photodynamic Therapy Combined with Intravitreal Bevacizumab. WOC, Berlin, 2010.
- Takahashi A, Ishikawa K, Ueno S, Ito Y, Kondo M, Terasaki H: Macular function and photopic negative response after single injection of intravitreal bevacizumab for myopic neovascularization. WOC, Berlin, 2010.
- Kataoka K, Nishiguchi KM, Kachi S, Terasaki H: The distribution and characteristics of bone marrow-derived cells in the retina during physiological and pathological angiogenesis. WOC, Berlin, 2010.
- Uetani R, Ishikawa K, Piao CH, Ito Y, Kondo M, Terasaki H: Change in macular morphology and function after half dose verteporfin-PDT for central serous chorioretinopathy. WOC, Berlin, 2010.
- Ito T, Komeima K, Yasuma T, Enomoto A, Asai N, Takahashi M, Terasaki H: Girdin phosphorylation at serine-1416 by Akt/PKB promotes postneonatal angiogenesis and ischemic neovascularization in the retina. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.
- Tanabe H, Ito Y, Terasaki H: Choroid is thinner in inferior region of optic discs of normal eyes. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.
- Iwata E, Ishikawa K, Hatta Y, Ozawa S, Ito Y, Terasaki H: Effect of photodynamic therapy combined with intravitreal injection of pegaptanib or ranibizumab on choriocapillaris perfusion in eyes with age-related macular degeneration. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.
- Ishikawa K, Ozawa S, Ito Y, Kondo M, Terasaki H: Focal macular electroretinograms after photodynamic therapy combined with intravitreal bevacizumab. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.
- Nishiguchi KM, Kataoka K, Kachi S, Terasaki H: The role of heparan sulfate in oxygen-induced retinopathy. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.
- Ushida H, Kachi S, Asami T, Ishikawa K, Kondo M, Terasaki H: Effect of preoperative intravitreal bevacizumab on visual function for proliferative diabetic retinopathy eyes. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.

Yasuda S, Kondo M, Kachi S, Ito Y, Terui T, Terasaki H: Rebound of macular edema after intravitreal bevacizumab therapy in eyes with macular edema secondary to branch retinal vein occlusion. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.

Terui T, Kondo M, Kondo N, Sugita T, Ito Y, Ota I, Miyake K, Terasaki H: Changes in retinal nonperfusion area before and after intravitreal injection of bevacizumab in eyes with macular edema secondary to branch retinal vein occlusion. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.

Ueno S, Kondo M, Koyasu T, Sakai T, Terui T, Yasuda S, Terasaki H: Focal cone ERGs of rhodopsin Pro347Leu transgenic rabbits. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.

Yokoyama D, Machida S, Kondo M, Terasaki H, Nishimura T, Kurosaka D: Pharmacological dissection of multifocal electroretinograms of rabbits with Pro347Leu rhodopsin mutation. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, 2010.

Terasaki H, Kondo M, Ishikawa K, Nishihara H, Ito Y: Macular function in AMD before and after various treatments. ISCEV@ARVO, Fort Lauderdale, Florida, 2010.

Kondo M, Kurimoto Y, Ueno S, Sakai T, Machida S, Terasaki H: Asymmetry of focal macular photopic negative responses (PhNRs) in monkeys. ISCEV@ARVO, Fort Lauderdale, Florida, 2010.

北川貴子、湯澤美都子: 近視性脈絡膜新生血管に対する Pegaptanib sodium と Bevacizumab 硝子体内投与の短期治療成績. 第 64 回日本臨床眼科学会、神戸市、2010.

森隆三郎: 加齢黄斑変性の脈絡膜循環 ポリープ状脈絡膜血管症. 第 27 回日本眼循環学会、神戸、2010.

森隆三郎、湯澤美都子、赤座英里子、春山美穂: 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 6 か月の効果: 第 49 回日本網膜硝子体学会総会・第 16 回日本糖尿病眼学会総会、大阪市、2010.

## G. 知的所有権の取得状況

各分担研究報告に記載

## Ⅱ. 關連業績一覽

1. Inatani M, Iwao K, Kawaji T, Hirano Y, Ogura Y, Hirooka K, Shiraga F, Nakanishi Y, Yamamoto H, Negi A, Shimonagano Y, Sakamoto T, Shima C, Matsumura M, Tanihara H: Intraocular pressure elevation after injection of triamcinolone acetonide: a multicenter retrospective case-control study. *Am J Ophthalmol* 145, 676-681, 2008.
2. Takase A, Yasukawa T, Kato A, Ogura Y: Suppressive effect of short-interfering RNA on hyperglycemia-induced expression of intercellular adhesion molecule-1 on cultured vascular endothelial cells. *Graefes Arch Clin Exp Ophthalmol* 246, 989-992, 2008.
3. Mizuno D, Matsubara A, Ogura Y: Effect of posterior sub-tenon administration of triamcinolone acetonide on leukocyte dynamics in rat retinal microcirculation after panretinal photocoagulation. *Invest Ophthalmol Vis Sci* 49, 2127-2133, 2008.
4. Sato R, Yasukawa T, Hirano Y, Ogura Y: Early-onset macular holes following ruptured retinal arterial macroaneurysms. *Graefes Arch Clin Exp Ophthalmol* 246, 1779-1782, 2008.
5. Murakami Y, Ikeda Y, Yonemitsu Y, Onimaru M, Nakagawa K, Kohno R, Miyazaki M, Hisatomi T, Nakamura M, Yabe T, Hasegawa M, Ishibashi T, Sueishi K: Inhibition of nuclear translocation of apoptosis-inducing factor is an essential mechanism of the neuroprotective activity of pigment epithelium-derived factor in a rat model of retinal degeneration. *Am J Pathol* 173, 1326-1338, 2008.
6. Miyazaki M, Ikeda Y, Yonemitsu Y, Goto Y, Kohno RI, Murakami Y, Inoue M, Ueda Y, Hasegawa M, Tobimatsu S, Sueishi K, Ishibashi T: Synergistic neuroprotective effect via simian lentiviral vector-mediated simultaneous gene transfer of human pigment epithelium-derived factor and human fibroblast growth factor-2 in rodent models of retinitis pigmentosa. *J Gene Med* 10, 1273-1281, 2008.
7. Murakami Y, Ikeda Y, Yonemitsu Y, Tanaka S, Kondo H, Okano S, Kohno RI, Miyazaki M, Inoue M, Hasegawa M, Ishibashi T, Sueishi K: Newly developed Sendai virus vector for retinal gene transfer: reduction of innate immune response via deletion of all envelope-related genes. *J Gene Med* 10, 165-176, 2008.
8. Mochizuki Y, Enaida H, Hisatomi T, Hata Y, Miura M, Arita R, Kawahara S, Kita T, Ueno A, Ishibashi T: The internal limiting membrane peeling with brilliant blue G staining for retinal detachment due to macular hole in high myopia. *Br J Ophthalmol* 92, 1009, 2008.
9. Hijioaka K, Sonoda KH, Tsutsumi-Miyahara C, Fujimoto T, Oshima Y, Taniguchi M, Ishibashi T: Investigation of the role of CD1d-restricted invariant NKT cells in experimental choroidal neovascularization. *Biochem Biophys Res Commun* 374, 38-43, 2008.
10. Saito M, Shiragami C, Shiraga F, Nakayama D, Iida T: Combined intravitreal bevacizumab and photodynamic therapy for retinal angiomatous proliferation. *Am J Ophthalmol* 146, 935-941, 2008.

11. Du Y, Hirooka K, Miyamoto O, Itano T, Tokuda M, Shiraga F: Both amacrine and bipolar cells release glutamate in the rat retina after ischemia/reperfusion insult in vitro. *Curr Eye Res* 33, 782-788, 2008.
12. Baba T, Hirooka K, Takagishi M, Sato S, Shiraga F: Plateau iris syndrome associated with multiple ciliary body cysts with nocturnal elevation of intraocular pressure. *Canadian J Ophthalmol* 43, 725, 2008.
13. Nakamura T, Miyamoto O, Toyoshima T, Hirooka K, Kawai N, Shiraga F, Tamiya T, Xi G, Keep RF, Itano T: 3CB2, a marker of radial glia, expression after experimental intracerebral hemorrhage: role of thrombin. *Brain Res* 1226, 156-162, 2008.
14. Japanese Age-related Macular Degeneration Trial (JAT) Study Group: Photodynamic Therapy with Verteporfin in Japanese Patients with Subfoveal CNV Secondary to AMD: Results of the Japanese AMD trial (JAT) extension. *Jpn J Ophthalmol* 52, 99-107, 2008.
15. Baba T, Nagayama M, Ohtsuki H, Hirooka K, Shiraga F: Macular edema associated with latanoprost use in a patient with idiopathic juxtafoveal retinal telangiectasis. *Jpn J Ophthalmol* 52, 68-70, 2008.
16. Nakamura T, Miyamoto O, Toyoshima T, Hirooka K, Kawai N, Shiraga F, Tamiya T, Xi G, Keep RF, Itano T: 3CB2, a marker of radial glia, expression after experimental intracerebral hemorrhage: role of thrombin. *Brain Res* 1226, 156-162, 2008.
17. Nomoto H, Shiraga F, Yamaji H, Fukuda K, Baba T, Takasu I, Ohtsuki H: Macular hole surgery with triamcinolone acetonide-assisted internal limiting membrane peeling. One-year results. *Retina* 28, 427-432, 2008.
18. 厚生労働省網膜脈絡膜・視神経萎縮症調査研究班 加齢黄斑変性診断基準作成ワーキンググループ 高橋寛二、石橋達朗、小椋祐一郎、湯澤美都子:加齢黄斑変性の分類と診断基準. *日本眼科学会雑誌* 112, 1076-1084, 2008.
19. 高橋寛二:網膜血管腫状増殖の概念と治療. *臨床眼科* 62(増刊号)、250-261、2008.
20. 高橋寛二:加齢黄斑変性および関連疾患の診断:蛍光眼底造影の読み方. *あたらしい眼科* 25、1205-1213、2008.
21. 高橋寛二、湯澤美都子:加齢黄斑変性に対するステロイド併用光線力学的療法. *あたらしい眼科* 25、1111-1113、2008.
22. 高橋寛二:加齢黄斑変性の薬物療法 1)光線力学的療法. *医薬ジャーナル* 44、1561-1567、2008.
23. Jin ZB, Mandai M, Yokota T, Higuchi K, Ohmori K, Ohtsuki F, Takakura S, Itabashi T, Wada Y, Akimoto M, Ooto S, Suzuki T, Hirami Y, Ikeda H, Kawagoe N, Oishi A, Ichiyama S, Takahashi M, Yoshimura N, Kosugi S: Identifying pathogenic genetic background of simplex or multiplex retinitis pigmentosa patients: a large scale mutation screening study. *J Med Genet* 45, 465-472, 2008.
24. Osakada F, Ikeda H, Mandai M, Wataya T, Watanabe K, Yoshimura N, Akaike A, Sasai Y,

- Takahashi M: Toward the generation of rod and cone photoreceptors from mouse, monkey and human embryonic stem cells. *Nature Biotechnology* 26, 215–224, 2008.
25. Gomi F, Tano Y: Polypoidal choroidal vasculopathy and treatments. *Curr Opin Ophthalmol* 19, 208–212, 2008.
  26. Fujimoto H, Gomi F, Wakabayashi T, Sawa M, Tsujikawa M, Tano Y: Morphologic changes in acute central serous chorioretinopathy evaluated by fourier-domain optical coherence tomography. *Ophthalmology* 115, 1494–1500, 2008.
  27. Koh S, Maeda N, Hori Y, Inoue T, Watanabe H, Hirohara Y, Mihashi T, Fujikado T, Tano Y: Effects of suppression of blinking on quality of vision in borderline cases of evaporative dry eye. *Cornea*. 27, 275–278, 2008
  28. Hori Y, Maeda N, Sakamoto M, Inoue T, Tano Y: Fluoroquinolone-resistant bacteria and methicillin-resistant Staphylococci from normal preoperative conjunctiva. *J Cataract Refract Surg* 34, 711–712, 2008.
  29. Sayanagi K, Ikuno Y, Soga K, Tano Y: Photoreceptor inner and outer segment defects in myopic foveoschisis. *Am J Ophthalmol* 145, 902–908, 2008.
  30. Tsujikawa M, Wada Y, Sukegawa M, Sawa M, Gomi F, Nishida K, Tano Y: Age at onset curves of retinitis pigmentosa. *Arch Ophthalmol* 126, 337–340, 2008.
  31. Koh S, Maeda N, Hamano T, Hirohara Y, Mihashi T, Hori Y, Hosohata J, Fujikado T, Tano Y: Effect of internal lubricating agents of disposable soft contact lenses on higher-order aberrations after blinking. *Eye Contact Lens* 34, 100–105, 2008.
  32. Tano Y; Ophthalmic PDT Study Group. Guidelines for PDT in Japan. *Ophthalmology*. 115:585, 2008.
  33. Hori Y, Maeda N, Kosaki R, Inoue T, Tano Y: Three cases of idiopathic “multiple-parallel-line” endotheliitis. *Cornea* 27, 103–106, 2008.
  34. Sakamoto T, Hida T, Tano Y, Negi A, Takeuchi S, Ishibashi T, Inoue Y, Ohguro N, Okada AA. Committee on the Use of Long-lasting Expanding Gases in Ophthalmology. [Survey of the use of long-lasting expanding gases in ophthalmology in Japan] *Nippon Ganka Gakkai Zasshi* 112, 45–50, 2008.
  35. Kawasaki R, Wang JJ, Ji GJ, Taylor B, Oizumi T, Daimon M, Kato T, Kawata S, Kayama T, Tano Y, Mitchell P, Yamashita H, Wong TY: Prevalence and risk factors for age-related macular degeneration in an adult Japanese population: The Funagata Study. *Ophthalmology* 115, 1376–1381, 2008.
  36. Arakawa Y, Hashida N, Ohguro N, Yamazaki N, Onda M, Matsumoto S, Ohishi M, Yamabe K, Tano Y, Kurokawa N: Eye-concentrated distribution of dexamethasone carried by sugar-chain modified liposome in experimental autoimmune uveoretinitis mice. *Biomed Res* 28, 331–334, 2008.
  37. Oshima Y, Chow DR, Awh CC, Sakaguchi H, Tano Y: Novel mercury vapor illuminator combined with a 27/29-gauge chandelier light fiber for vitreous surgery. *Retina* 28, 171–173, 2008.

38. Koh S, Maeda N, Hirohara Y, Mihashi T, Bessho K, Hori Y, Inoue T, Watanabe H, Fujikado T, Tano Y: Serial measurements of higher-order aberrations after blinking in patients with dry eye. *Invest Ophthalmol Vis Sci* 49, 133-138, 2008.
39. Hashida N, Ohguro N, Yamazaki N, Arakawa Y, Oiki E, Mashimo H, Kurokawa N, Tano Y: High-efficacy site-directed drug delivery system using sialyl-Lewis X conjugated liposome. *Exp Eye Res* 86, 138-149, 2008.
40. Hayashi R, Yamato M, Saito T, Oshima T, Okano T, Tano Y, Nishida K: Enrichment of corneal epithelial stem/progenitor cells using cell surface markers, integrin alpha6 and CD71. *Biochem Biophys Res Commun* 367, 256-263, 2008.
41. Yamamoto T, Kamei M, Kunavisarut P, Suzuki M, Tano Y: Increased retinal toxicity of intravitreal tissue plasminogen activator in a central retinal vein occlusion model. *Graefes Arch Clin Exp Ophthalmol.* 246, 509-514, 2008.
42. Gomi F, Ohji M, Sayanagi K, Sawa M, Sakaguchi H, Oshima Y, Ikuno Y, Tano Y: One-year outcomes of photodynamic therapy in age-related macular degeneration and polypoidal choroidal vasculopathy in Japanese patients. *Ophthalmology* 115, 141-146, 2008.
43. Kurimoto Y, Kondo M, Ueno S, Sakai T, Machida S, Terasaki H: Asymmetry of focal macular photopic negative responses (PhNRs) in monkeys. *Exp Eye Res.* 88, 92-98, 2008.
44. Nishiguchi KM, Kaneko H, Nakamura M, Kachi S, Terasaki H: Identification of photoreceptor precursors in the pars plana during ocular development and after retinal injury. *Invest Ophthalmol Vis Sci* 49, 422-428, 2008.
45. Kaneko H, Nishiguchi KM, Nakamura M, Kachi S, Terasaki H. Retardation of photoreceptor degeneration in the detached retina of rd1 mouse. *Invest Ophthalmol Vis Sci* 49, 781-787, 2008.
46. Nishihara H, Kondo M, Ishikawa K, Sugita T, Piao CH, Nakamura Y, Terasaki H: Focal macular electroretinograms in eyes with wet type age-related macular degeneration. *Invest Ophthalmol Vis Sci* 49, 3121-3125, 2008.
47. Kondo M, Kurimoto Y, Sakai T, Koyasu T, Miyata K, Ueno S, Terasaki H: Recording focal macular photopic negative response (PhNR) from monkeys. *Invest Ophthalmol Vis Sci* 49, 3544-3550, 2008.
48. Sugita T, Kondo M, Piao CH, Ito Y, Terasaki H: Correlation between macular volume and focal macular electroretinogram in patients with retinitis pigmentosa. *Invest Ophthalmol Vis Sci* 49, 3551-3558, 2008.
49. Kaneko H, Nishiguchi KM, Nakamura M, Kachi S, Terasaki H: Characteristics of bone marrow-derived microglia in the normal and injured retina. *Invest Ophthalmol Vis Sci* 49, 4162-4168, 2008.
50. Kondo M, Ueno S, Piao CH, Miyake Y, Terasaki H: Comparison of focal macular cone ERGs in complete-type congenital stationary night blindness and APB-treated monkeys. *Vision Res* 48, 273-280, 2008.

51. Koyasu T, Kondo M, Miyata K, Ueno S, Miyata T, Nishizawa Y, Terasaki H: Photopic electroretinograms of mGluR6-deficient mice. *Curr Eye Res* 33, 91-99, 2008.
52. Miyata K, Ueno S, Koyasu T, Kondo M, Terasaki H: Comparison of photopic negative response elicited by red and white xenon flashes in monkeys. *Jpn J Ophthalmol* 52, 327-330, 2008.
53. Ishikawa K, Ito Y, Mizutani R, Kikuchi M, Mishihara H, Terasaki H: New Algorithm to aence tomograaphicmages quantitatively. *Jpn J Ophthalmol* 52, 182-189, 2008.
54. Iino Y, Fujimaki T, Fujiki K, Murakami A: A novel mutation (967-970+2)delAAAGGT in the choroideremia gene found in a Japanese family and related clinical findings. *Jpn J Ophthalmol* 52, 289-297, 2008.
55. 飯野裕、藤巻拓郎、藤木慶子、村上晶: 網膜色素変性の2家系に認められた FSCN2 遺伝子変位. *順天堂医学* 54, 404, 2008.
56. 丸橋環、大友香里、井上直紀、根岸貴志、谷内修太郎、舟木俊成、河野博之、村上晶: 鎌状赤血球網膜症の1例. *臨眼* 62, 773-777, 2008.
57. Baba T, Kubota-Taniai M, Mitamura Y, Yamamoto S: Age-related macular degeneration with massive subretinal hemorrhage easily removed through a retinal break. *Retinal Cases & Brief Reports* 2, 292-295, 2008.
58. Oshitari T, Yamamoto S, Hata N, Roy S: Mitochondria- and caspase-dependent cell death pathway involved in neuronal degeneration in diabetic retinopathy. *Br J Ophthalmol* 92, 552-556, 2008.
59. Oshitari T, Hata N, Yamamoto S: Endoplasmic reticulum stress and diabetic retinopathy. *Vascular Health and Risk Management* 4, 1-8, 2008.
60. Sato E, Yamamoto S, Ogata K, Kubota M, Sugawara T, Mizunoya S: Changes of electroretinogram without improvement of retinal circulation after radial optic neurotomy for central retinal vein occlusion. *Doc Ophthalmol* 116, 153-158, 2008.
61. Baba T, Yamamoto S, Arai M, Arai E, Sugawara T, Mitamura Y, Mizunoya S: Correlation of visual recovery and presence of photoreceptor inner/outer segment junction in optical coherence images after successful macular hole repair. *Retina* 28, 453-458, 2008.
62. Aizawa S, Mitamura Y, Baba T, Hagiwara A, Ogata K, Yamamoto S: Correlation between visual function and photoreceptor inner/outer segment junction in patients with retinitis pigmentosa. *Eye*, 2008.
63. Mitamura Y, Ogata K, Oshitari T, Asaumi N, Yamamoto S: Retinal detachment with macular hole following intravitreal bevacizumab in patient with severe proliferative diabetic retinopathy. *Br J Ophthalmol* 92, 717-718, 2008.
64. Mitamura Y, Kubota-Taniai M, Okada K, Kitahashi M, Baba T, Mizunoya S, Yamamoto S: Comparison of photodynamic therapy to transpupillary thermotherapy for polypoidal choroidal

- vasculopathy. *Eye* 23, 67-72, 2009.
65. Fujita K, Oda K, Watanabe J, Yuzawa M: How Normal Eyes perform in Reading Low-Contrast Texts. *Jpn J Ophthalmol* 52, 44-47, 2008.
  66. Hattori T, Shimada H, Yuzawa M, Kinukawa N, Fukuda T, Yasuda N: needle-shaped deposits on retinal surface in a case of ocular amyloidosis. *Eur J Ophthalmol* 18, 473-475, 2008.
  67. Akaza E, Mori R, Yuzawa M: Long-term results of photodynamic therapy of polypoidal choroidal vasculopathy. *Retina* 28, 717-722, 2008.
  68. Kawashima M, Mori R, Mizutani Y, Yuzawa M: Choroidal folds and retinal pigment epithelium tear following intravitreal bevacizumab injection for exudative age-related macular degeneration. *Jpn J Ophthalmol* 52, 142-144, 2008.
  69. Shimada H, Yuzawa M, Hirose T, Nakashizuka H, Hattori T, Kazato Y: Pathological findings of multifocal choroiditis with panuveitis and punctate inner choroidopathy. *Jpn J Ophthalmol* 34, 1389-1392, 2008.
  70. Nakashizuka H, Mitsumata M, Okisaka S, Shimada H, Kawamura A, Mori R, Yuzawa M: Clinicopathological findings of polypoidal choroidal vasculopathy. *Invest Ophthalmol Vis Sci* 49, 4729-4737, 2008.
  71. 大平(栃木)香寿美、横山英世、松本容子、姜哲浩、湯澤美都子: 加齢黄斑変性に対する光線力学療法の評価—1年後の臨床所見—. *日本眼科学会誌* 112, 855-862, 2008.
  72. Dewi NA, Yuzawa M, Tochigi K, Kawamura A, Mori R: Effects of photodynamic therapy on the choriocapillaris and retinal pigment epithelium in the irradiated area. *Jpn J Ophthalmol* 52, 277-281, 2008.
  73. Inomata K, Tsunoda K, Yuzawa M: Distribution of retinal responses evoked by trans-scleral electrical stimulation detected by intrinsic signal imaging in macaque monkeys. *Invest Ophthalmol Vis Sci* 49, 2193-200, 2008.
  74. Sasahara M, Otani A, Yodoi Y, Yoshimura N: Circulating hematopoietic stem cells in patients with idiopathic choroidal neovascularization. *Invest Ophthalmol Vis Sci* 50, 1575-1579, 2008.
  75. Oishi A, Otani A, Sasahara M, Kojima H, Nakamura H, Yodoi Y, Yoshimura N: Granulocyte colony-stimulating factor protects retinal photoreceptor cells against light-induced damage. *Invest Ophthalmol Vis Sci* 49, 5629-5635, 2008.
  76. Nakanishi H, Tsujikawa A, Gotoh N, Hayashi H, Iwama D, Tamura H, Otani A, Yoshimura N: Macular complications on the border of an inferior staphyloma associated with tilted disc syndrome. *Retina* 28, 1493-1501, 2008.
  77. Sasahara M, Otani A, Oishi A, Kojima H, Yodoi Y, Kameda T, Nakamura H, Yoshimura N: Activation of bone marrow-derived microglia promotes photoreceptor survival in inherited retinal degeneration. *Am J Pathol* 172, 1693-1703, 2008.
  78. Osakada F, Ikeda H, Mandai M, Wataya T, Watanabe K, Yoshimura N, Akaike A, Sasai Y,

- Takahashi M: Toward the generation of rod and cone photoreceptors from mouse, monkey and human embryonic stem cells. *Nat Biotechnol* 26, 215–224, 2008.
79. Sakamoto A, Hangai M, Yoshimura N: Spectral-domain optical coherence tomography with multiple B-scan averaging for enhanced imaging of retinal diseases. *Ophthalmology* 115, 1071–1078, 2008.
  80. Iwama D, Otani A, Sasahara M, Yodoi Y, Gotoh N, Tamura H, Tsujikawa A, Yoshimura N: Photodynamic therapy combined with low-dose intravitreal triamcinolone acetonide for age-related macular degeneration refractory to photodynamic therapy alone. *Br J Ophthalmol* 92, 1352–1356, 2008.
  81. Kurashige Y, Otani A, Sasahara M, Yodoi Y, Tamura H, Tsujikawa A, Yoshimura N: Two-year results of photodynamic therapy for polypoidal choroidal vasculopathy. *Am J Ophthalmol* 146, 513–519, 2008.
  82. Murakami T, Akimoto M, Ooto S, Suzuki T, Ikeda H, Kawagoe N, Takahashi M, Yoshimura N: Association between abnormal autofluorescence and photoreceptor disorganization in retinitis pigmentosa. *Am J Ophthalmol* 145, 687–694, 2008.
  83. Hirano Y, Ito T, Nozaki M, Yasukawa T, Sakurai E, Yoshida M, Ogura Y: Intraocular pressure elevation following triamcinolone acetonide administration as related to administration routes. *Jpn J Ophthalmol* 53, 519–522, 2009.
  84. Hirano Y, Sakurai E, Matsubara A, Ogura Y: Suppression of ICAM-1 in retinal and choroidal endothelial cells by plasmid small-interfering RNA in vivo. *Invest Ophthalmol Vis Sci* 51, 508–515, 2009.
  85. Takeda A, Baffi JZ, Kleinman ME, Cho WG, Nozaki M, Yamada K, Kaneko H, Albuquerque RJ, Dridi S, Saito K, Raisler BJ, Budd SJ, Geisen P, Munitz A, Ambati BK, Green MG, Ishibashi T, Wright JD, Humbles AA, Gerard CJ, Ogura Y, Pan Y, Smith JR, Grisanti S, Hartnett ME, Rothenberg ME, Ambati J: CCR3 is a target for age-related macular degeneration diagnosis and therapy. *Nature* 460, 225–230, 2009.
  86. Hirata M, Yasukawa T, Wiedemann P, Kimura E, Kunou N, Eichler W, Takase A, Sato R, Ogura Y: Fundus autofluorescence and fate of glycooxidized particles injected into subretinal space in rabbit age-related macular degeneration model. *Graefes Arch Clin Exp Ophthalmol* 247, 929–937, 2009.
  87. Fukuoka S, Honda N, Usui T, Inoue K, Araie M, Amano S: Penetrating keratoplasty for bullous keratopathy after trabeculectomy. *Eye* 23, 90–94, 2009.
  88. Saito H, Tomidokoro A, Yanagisawa M, Iwase A, Araie M: Sensitivity and specificity with the Glaucoma Probability Score in Heidelberg Retina Tomograph II in Japanese Eyes. *J Glaucoma* 18, 227–232, 2009.
  89. Takayama J, Mayama C, Mishima A, Nagahara M, Tomidokoro A, Araie M: Topical phenylephrine decreases blood velocity in the optic nerve head and increases resistive index in the retinal arteries. *Eye* 27, 827–834, 2009.
  90. Inokuchi Y, Shimazawa M, Nakajima Y, Komuro I, Matsuda T, Baba A, Araie M, Kita S, Iwamoto T,

- Hara H. A Na<sup>+</sup>/Ca<sup>2+</sup> exchanger isoform, NCX1, involves in retinal cell death after N-methyl-D-aspartate and ischemia-reperfusion. *J Neuroscience Res* 87, 906-917, 2009.
91. Abe H, Shirakashi M, Tsutsumi T, Araie M, Tomidokoro A, Iwase A, Tomita G, Yamamoto T, Tajimi Study Group. Laser scanning tomography of optic discs of the normal Japanese population in a population-based setting. *Ophthalmology* 116, 223-230, 2009.
  92. Imamura K, Onoe H, Shimazawa M, Nozaki S, Wada Y, Kato K, Nakajima H, Mizuma H, Onoe K, Taniguchi T, Sasaoka M, Hara H, Tanaka S, Araie M, Watanabe Y: Molecular imaging reveals unique degenerative changes in experimental glaucoma. *Neuro Report* 20, 139-144, 2009.
  93. Inokuchi Y, Imai S, Nakajima Y, Shimazawa M, Aihara M, Araie M, Hara H: Edaravone, a free radical scavenger, protects against retinal damage in vitro and in vivo. *J Pharmacol Exp Ther* 329, 687-698, 2009.
  94. Inokuchi Y, Nakajima Y, Shimazawa M, Kurita T, Kubo M, Saito A, Sajiki H, Kudo T, Aihara M, Imaizumi K, Araie M, Hara H: Effect of an inducer of BiP, a molecular chaperone, on endoplasmic reticulum (ER) stress-induced retinal cell death. *Invest Ophthalmol Vis Sci* 50, 334-344, 2009.
  95. Saeki T, Ota T, Aihara M, Araie M: Effects of prostanoid EP agonists on mouse intraocular pressure. *Invest Ophthalmol Vis Sci* 50, 2201-2208, 2009.
  96. Mizuno K, Koide T, Shimamura S, Mori J, Sawanobori K, Araie M: Route of penetration of topically instilled nipradilol into the ipsilateral posterior retina. *Invest Ophthalmol Vis Sci* 50, 2839-2847, 2009.
  97. Saito H, Tsutsumi T, Araie M, Tomidokoro A, Iwase A: Sensitivity and specificity of the Heidelberg Retina Tomograph ver 3.0 in a population-based study: The Tajimi Study. *Ophthalmology* 116, 1854-1861, 2009.
  98. Retina Tomograph ver 3.0 in a population-based study: The Tajimi Study. *Ophthalmology* 116, 1854-1861, 2009.
  99. Ito Y, Shimazawa M, Chen YN, Tsumura K, Yamashima T, Araie M, Hara H: Morphological change in the visual pathway induced by experimental glaucoma in Japanese monkeys. *Exp Eye Res* 89, 246-255, 2009.
  100. 山本哲也、新家眞、岩瀬愛子、北澤克明: 日本緑内障学会多治見スタディグループ: 日本緑内障学会多治見市民眼科検診: 一般検診対象研究の総括 *日本眼科学会雑誌* 113、569-575、2009.
  101. Hisatomi T, Ishibashi T, Miller JW, Kroemer G: Pharmacological inhibition of mitochondrial membrane permeabilization for neuroprotection. Review. *Exp Neurol* 218, 347-352, 2009.
  102. Yasuda M, Kiyohara Y, Hata Y, Arakawa S, Yonemoto K, Doi Y, Iida M, Ishibashi T: Nine-year incidence and risk factors for age-related macular degeneration in a defined Japanese population: The Hisayama Study. *Ophthalmology* 116, 2135-2140, 2009.
  103. Ikeda Y, Yonemitsu Y, Miyazaki M, Kohno RI, Murakami Y, Murata T, Goto Y, Tabata T, Ueda Y, Ono F, Suzuki T, Ageyama N, Terao K, Hasegawa M, Sueishi K, Ishibashi T: Acute toxicity study

- of a simian immunodeficiency virus-based lentiviral vector for retinal gene transfer in nonhuman primates. *Hum Gene Ther* 20, 943-954, 2009.
104. Ikeda Y, Yonemitsu Y, Miyazaki M, Kohno RI, Murakami Y, Murata T, Tabata T, Ueda Y, Ono F, Suzuki T, Ageyama N, Terao K, Hasegawa M, Sueishi K, Ishibashi T: Stable retinal gene expression in nonhuman primates via subretinal injection of SIVagm-based lentiviral vectors. *Hum Gene Ther* 20, 573-576, 2009.
  105. Zhang H, Sonoda K, Hijioka K, Qiao H, Oshima Y, Ishibashi T: Antiangiogenic immunotherapy targeting Flk-1, DNA vaccine and adoptive T cell transfer, inhibits ocular neovascularization. *BBRC* 381, 471-476, 2009.
  106. Yasuda M, Kiyohara Y, Hata Y, Arakawa S, Yonemoto K, Doi Y, Iida M, Ishibashi T: Nine-year incidence and risk factors for age-related macular degeneration in a defined Japanese population the Hisayama study. *Ophthalmology* 116, 2135-2140, 2009.
  107. Oshima Y, Shima C, Wakabayashi T, Kusaka H, Shiraga F, Ohji M, Tano Y: Microincision vitrectomy surgery and intravitreal bevacizumab as a surgical adjunct to treat diabetic traction retinal detachment. *Ophthalmology* 116, 927-938 2009.
  108. Hirooka K, Mizote M, Baba T, Takagishi M, Shiraga F: Risk factors for developing avascular filtering bleb after fornix based trabeculectomy with mitomycin C. *J Glaucoma* 18, 301-304, 2009.
  109. Yang H, Hirooka K, Fukuda K, Shiraga F: Neuroprotective effects of angiotensin II type 1 receptor blocker in a rat model of chronic glaucoma. *Invest Ophthalmol Vis Sci* 50, 5800-5804, 2009.
  110. Nomoto H, Shiraga F, Kuno N, Kimura E, Fujii S, Shinomiya K, Nugent AK, Hirooka K, Baba T: Pharmacokinetics of bevacizumab after topical, subconjunctival and intravitreal administration in rabbits. *Invest Ophthalmol Vis Sci* 50, 4807-4813, 2009.
  111. Oshima Y, Shima C, Wakabayashi T, Kusaka S, Shiraga F, Ohji M, Tano Y: Microincision vitrectomy surgery and intravitreal bevacizumab as a surgical adjunct to treat diabetic traction retinal detachment. *Ophthalmology* 116, 927-938, 2009.
  112. Kuwata M, Yoshizawa K, Matsumura M, Takahashi K, Tsubura A: Ocular toxicity caused by Paclitaxel in neonatal sprague-dawley rats, In vivo. 23, 555-560, 2009.
  113. 高橋寛二: 加齢黄斑変性の新しい分類と診断基準. *眼科手術* 22, 333-336, 2009.
  114. 杉山千晶、有澤章子、久保木香織、長中央由里子、西川真生、永井由巳、高橋寛二: 小児に認められた傍中心窩毛細血管拡張症の2例. *臨床眼科* 63, 1163-1167, 2009.
  115. 高橋寛二: 光線力学的療法(PDT)ガイドライン. *あたらしい眼科* 26, 905-909, 2009.
  116. 高橋寛二: マクジェントルセンティス. *眼科手術* 22, 183-185, 2009.
  117. 尾辻剛、高橋寛二: 加齢黄斑変性 いつ専門医に紹介する? *眼科インストラクションコース 20 眼科診療のスキルアップ網膜硝子体編*, 90-102, 2009.

118. Kurimoto Y, Kondo M, Ueno S, Sakai T, Machida S, Terasaki H: Asymmetry of focal macular photopic negative responses (PhNRs) in monkeys. *Exp Eye Res* 88, 92–98, 2009.
119. Nakamura Y, Kondo M, Asami T, Terasaki H: Comparison of macular hole surgery without internal limiting membrane peeling to eyes with internal limiting membrane peeling with and without indocyanine green staining. *Ophthalmic Res* 41, 136–141, 2009.
120. Ishikawa K, Nishihara H, Ozawa S, Piao CH, Ito T, Kondo M, Terasaki H: Focal macular electroretinograms after photodynamic therapy combined with posterior juxtасcleral triamcinolone acetate. *Retina* 29, 803–810, 2009.
121. Ito-Nnonobe N, Kachi S, Kondo M, Takai Y, Takemoto K, Nakayama A, Hayakawa M, Terasaki H: Concentration of vascular endothelial growth factor in aqueous humor of eyes with advanced retinopathy of prematurity before and after intravitreal injection of bevacizumab. *Retina* 29, 579–585, 2009.
122. Kondo M, Kondo N, Ito Y, Kachi S, Yasuma T, Kikuchi M, Ota I, Miyake K, Terasaki H: Intravitreal injection of bevacizumab for macular edema secondary to BRVO: Results after 12-months and multiple regression analysis. *Retina* 29, 1242–1248, 2009.
123. Sakai T, Kondo M, Ueno S, Koyasu T, Komeima K, Terasaki H: Supernormal ERG oscillatory potentials in transgenic rabbit with rhodopsin P347L mutation and retinal degeneration. *Invest Ophthalmol Vis Sci* 50, 4402–4409, 2009.
124. Kondo M, Sakai T, Komeima K, Kurimoto Y, Ueno S, Nishizawa Y, Usukura J, Fujikado T, Tano Y, Terasaki H: Generation of a transgenic rabbit model of retinal degeneration. *Invest Ophthalmol Vis Sci* 50, 1371–1377, 2009.
125. Yamakoshi T, Kachi S, Sugita J, Asami T, Ishikawa K, Ito Y, Terasaki H: Triamcinolone-assisted removal of internal limiting membrane enhances the effect of vitrectomy for diabetic macular edema. *Ophthalmic Res* 41, 203–209, 2009.
126. Nishiguchi KM, Kaneko H, Nakamura M, Kachi S, Terasaki H: Generation of immature retinal neurons from proliferating cells in the pars plana after retinal histogenesis in mice with retinal degeneration. *Mol Vis* 15, 187–199, 2009.
127. Iwata EA, Sato M, Ukai K, Terasaki H: Magnetic resonance imaging of the extraocular muscle path before and after strabismus surgery for a large degree of cyclotorsion induced by macular translocation surgery. *Jpn J Ophthalmol* 53, 131–137, 2009.
128. Sekimukai D, Honda S, Negi A: RNA interference for apoptosis signal-regulating kinase-1 (ASK-1) rescues photoreceptor death in the rd1 mouse. *Mol Vis* 15, 1764–1773, 2009.
129. Nakamura K, Ota M, Meguro A, Nomura N, 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: Association of microsatellite polymorphisms of the GPDS1 locus with normal tension glaucoma in the Japanese population. *Clin Ophthalmol* 3, 307–312, 2009.
130. Kamio M, Meguro A, Ota M, Nomura N, 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 the GLC3A locus and normal tension glaucoma in Japanese patients by microsatellite analysis. *Clin Ophthalmol* 3, 183–188, 2009.
131. Kondo N, Honda S, Kuno S, Negi A: Role of RDBP and SKIV2L variants in the major histocompatibility complex class III region in polypoidal choroidal vasculopathy etiology. *Ophthalmology* 116, 1502–1509, 2009.
  132. Kanamori A, Naka M, Fukuda M, Nakamura M, Negi A. Tafluprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. *Graefes Arch Clin Exp Ophthalmol* 247, 1353–1360, 2009.
  133. Naka M, Kanamori A, Tatsumi Y, Fujioka M, Nagai–Kusuhara A, Nakamura M, Negi A: Comparison of mean deviation with AGIS and CIGTS scores in association with structural parameters in glaucomatous eyes. *J Glaucoma* 18, 379–384, 2009.
  134. Tagami M, Kusuhara S, Honda S, Tsukahara Y, Negi A: Expression of ATP-binding cassette transporters at the inner blood–retinal barrier in a neonatal mouse model of oxygen-induced retinopathy. *Brain Res* 1283, 186–193, 2009.
  135. Bessho H, Kondo N, Honda S, Kuno S, Negi A: Coding variant Met72Thr in the PEDF gene and risk of neovascular age-related macular degeneration and polypoidal choroidal vasculopathy. *Mol Vis* 15, 1107–1114, 2009.
  136. Honda S, Imai H, Yamashiro K, Kurimoto Y, Kanamori–Matsui N, Kagotani Y, Tamura Y, Yamamoto H, Ohoto S, Takagi H, Uenishi M, Negi A: Comparative assessment of photodynamic therapy for typical age-related macular degeneration and polypoidal choroidal vasculopathy: a multicenter study in Hyogo prefecture, Japan. *Ophthalmologica* 223, 333–338, 2009.
  137. Kondo N, Honda S, Kuno S, Negi A: Coding variant I62V in the complement factor H gene is strongly associated with polypoidal choroidal vasculopathy. *Ophthalmology* 116, 304–310, 2009.
  138. Nagai–Kusuhara A, Nakamura M, Kanamori A, Negi A: Association of optic disc configuration and clustered visual field sensitivity in glaucomatous eyes with hemifield visual field defects. *J Glaucoma* 18, 62–68, 2009.
  139. Nakamura M, Kanamori A, Nagai–Kusuhara A, Kusuhara S, Yamada Y, Negi A: Serous macular detachment due to diabetic papillopathy detected using optical coherence tomography. *Arch Ophthalmol* 127, 105–107, 2009.
  140. Kanamori A, Naka M, Fukuda M, Nakamura M, Negi A: Latanoprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. *Exp Eye Res* 88, 535–541, 2009.
  141. Honda S, Nagai T, Negi A: Anti-angiogenic effects of non-peptide integrin alphavbeta3 specific antagonist on laser-induced choroidal neovascularization in mice. *Graefes Arch Clin Exp Ophthalmol* 247, 515–522, 2009.
  142. Ebihara N, Nakayama M, Tokura T, Iwatsu M, Ushio H, Murakami A: Proinflammatory effect of TWEAK/Fn14 interaction in human retinal pigment epithelial cells. *Curr Eye Res* 34, 836–844,

2009.

143. Himi M, Fujimaki T, Yokoyama T, Fujiki K, Takizawa T, Murakami A: A case of oculodentodigital dysplasia syndrome with novel GJA1 gene mutation. *Jpn J Ophthalmol* 53, 541-545, 2009.
144. 高林雅子、岩田文乃、村上晶: ロービジョンケアの初期対応が困難であった 1 例. *臨眼* 63、1451-1455、2009.
145. Yuzawa M: Treatment of polypoidal choroidal vasculopathy involving the fovea. *Retina Today* April, 33-35, 2009.
146. Kimura T, Takagi H, Miyamoto K, Kita M, Watanabe D, Yoshimura N: Macular hole with epiretinal membrane after triamcinolone-assisted vitrectomy for proliferative diabetic retinopathy. *Retinal Cases & Brief Reports* 3, 83-85, 2009.
147. Ojima Y, Hangai M, Sakamoto A, Tsujikawa A, Otani A, Tamura H, Yoshimura N: Improved visualization of polypoidal choroidal vasculopathy lesions using spectral-domain optical coherence tomography. *Retina* 29, 52-59, 2009.
148. Oishi A, Miyamoto K, Yoshimura N: Etiology of carotid cavernous fistula in Japanese. *Jpn J Ophthalmol* 53, 40-43, 2009.
149. Hayashi H, Yamashiro K, Tsujikawa A, Ota M, Otani A, Yoshimura N: Association between foveal photoreceptor integrity and visual outcome in neovascular age-related macular degeneration. *Am J Ophthalmol* 148, 83-89, 2009.
150. Nakanishi H, Hangai M, Unoki N, Sakamoto A, Tsujikawa A, Kita M, Yoshimura N: Spectral-domain optical coherence tomography imaging of the detached macula in rhegmatogenous retinal detachment. *Retina* 29, 232-242, 2009.
151. Inoue R, Hangai M, Kotera Y, Nakanishi H, Mori S, Morishita S, Yoshimura N: Three-dimensional high-speed optical coherence tomography imaging of lamina cribrosa in glaucoma. *Ophthalmology* 116, 214-222, 2009.
152. Nakanishi H, Yamada R, Gotoh N, Hayashi H, Otani A, Tsujikawa A, Yamashiro K, Shimada N, Ohno-Matsui K, Mochizuki M, Saito M, Saito K, Iida T, Matsuda F, Yoshimura N: Absence of association between COL1A1 polymorphisms and high myopia in the Japanese population. *Invest Ophthalmol Vis Sci* 50, 544-550, 2009.
153. Sakamoto A, Tsujikawa A, Ota M, Yamaike N, Kotera Y, Miyamoto K, Kita M, Yoshimura N: Evaluation of potential visual acuity in eyes with macular oedema secondary to retinal vein occlusion. *Clin Experiment Ophthalmol* 37, 208-216, 2009.
154. Oishi A, Nakamura H, Tatsumi I, Sasahara M, Kojima H, Kurimoto M, Otani A, Yoshimura N: Optical coherence tomographic pattern and focal electroretinogram in patients with retinitis pigmentosa. *Eye* 23, 299-303, 2009.
155. Sasahara M, Otani A, Yodoi Y, Gotoh N, Kameda T, Yoshimura N: Circulating hematopoietic stem cells in patients with choroidal neovascularisation secondary to pathologic myopia. *Eye* 23, 718-726, 2009.

156. Kimura T, Takagi H, Kita M, Watanabe D, Yoshimura N: Intravitreal injection of triamcinolone acetonide to treat cystoid foveal edema associated with coats' disease. *Retinal Cases & Brief Reports* 3, 167-169, 2009.
157. Oishi A, Otani A, Sasahara M, Kurimoto M, Nakamura H, Kojima H, Yoshimura N: Retinal nerve fiber layer thickness in patients with retinitis pigmentosa. *Eye* 23, 561-566, 2009.
158. Hirami Y, Osakada F, Takahashi K, Okita K, Yamanaka S, Ikeda H, Yoshimura N, Takahashi M. Generation of retinal cells from mouse and human induced pluripotent stem cells. *Neurosci Lett* 458, 126-131, 2009.
159. Kotera Y, Yasuno Y, Hangai M, Inoue R, Makita S, Nakanishi H, Yamanari M, Yoshimura N: Comparison of spectral domain optical coherence tomography and color photographic imaging of the optic nerve head in management of glaucoma. *Ophthalmic Surg Lasers Imaging* 40, 255-263, 2009.
160. Sasahara M, Otani A, Yodoi Y, Gotoh N, Yoshimura N: Circulating hematopoietic stem cells in patients with choroidal neovascularization secondary to pathologic myopia. *Eye* 23: 718-726, 2009.
161. Hirami Y, Mandai M, Takahashi M, Teramukai S, Tada H, Yoshimura N: Association of clinical characteristics with disease subtypes, initial visual acuity, and visual prognosis in neovascular age-related macular degeneration. *Jpn J Ophthalmol* 53, 396-407, 2009.
162. Sasahara M, Otani A, Yodoi Y, Yoshimura N: Circulating hematopoietic stem cells in patients with idiopathic choroidal neovascularization. *Invest Ophthalmol Vis Sci* 50, 1575-1579, 2009.
163. Hangai M, Yamamoto M, Sakamoto A, Yoshimura N: Ultrahigh-resolution versus speckle noise-reduction in spectral-domain optical coherence tomography. *Opt Express* 17, 4221-4235, 2009.
164. Yodoi Y, Tsujikawa A, Nakanishi H, Otani A, Tamura H, Ojima Y, Hayashi H, Yoshimura N: Central retinal sensitivity after intravitreal injection of bevacizumab for myopic choroidal neovascularization. *Am J Ophthalmol* 147, 816-824, 2009.
165. Gotoh N, Nakanishi H, Hayashi H, Yamada R, Otani A, Tsujikawa A, Yamashiro K, Tamura H, Saito M, Saito K, Iida T, Matsuda F, Yoshimura N: ARMS2 (LOC387715) Variants in Japanese patients with exudative age-related macular degeneration and polypoidal choroidal vasculopathy. *Am J Ophthalmol* 147, 1037-1041, 2009.
166. Ojima Y, Hangai M, Sakamoto A, Tsujikawa A, Otani A, Tamura H, Yoshimura N: Improved visualization of polypoidal choroidal vasculopathy lesions using spectral-domain optical coherence tomography. *Retina* 29, 52-59, 2009.
167. Tsujikawa A, Sakamoto A, Ota M, Oh H, Miyamoto K, Kita M, Yoshimura N: Retinal structural changes associated with retinal arterial macroaneurysm examined with optical coherence tomography. *Retina* 29, 782-792, 2009.
168. Yamaike N, Tsujikawa A, Sakamoto A, Ota M, Kotera Y, Miyamoto K, Kita M, Yoshimura N: