

【平成23年度】研究成果の刊行に関する一覧表（阿部俊明）

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Kunikata H, Nitta F, Meguro Y, Aizawa N, Hariya T, Chiba N, <u>Abe T</u> , Nishida K	Difficulty in Inserting 25- and 23-gauge Trocar-cannula during Vitrectomy	Ophthalmologic	226(4)	198-204	2011
Kunikata H, <u>Abe T</u> , Nishida K	Successful outcomes of 25- and 23-gauge vitrectomies for giant retinal tear detachments	Ophthalmic Surgery, Lasers & Imaging	4	12-14	2010
Miyake T, Haneda K, Nagai N, Yatagawa Y, Ohnami H, Yoshino S, <u>Abe T</u> and Nishizawa M	Enzymatic biofuel cells designed for direct power generation from biofluids in living organisms.	Energy & Environmental Science	4	5008-5012	2011

【平成23年度】研究成果の刊行に関する一覧表（中澤徹）

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Ryu M, Nakazawa T* , Akagi T, Tanaka T, Watanabe R, Yasuda M, Himori N, Maruyama K, Yamashita T, Abe T, Akashi M, Nishida K.	Suppression of phagocytic cells in retinal disorders using amphiphilic poly(γ -glutamic acid) nanoparticles containing dexamethasone	J Control Release	Apr 10;151(1)	65-73	2011
Nakazawa T* , Kayama M, Ryu M, Kunikata H, Watanabe R, Yasuda M, Kinugawa J, Vavvas D, Miller JW.	Tumor Necrosis Factor- α Mediates Photoreceptor Death in a Rodent Model of Retinal Detachment	Invest Ophthalmol Vis Sci	Mar 14;52(3)	1384-91	2011
Fuse N, Mengkegale M, Miyazawa A, Abe T, Nakazawa T , Wakusawa R, Nishida K.	Polymorphisms in ARMS2 (LOC387715) and LOXL1 Genes in Japanese with Age-related Macular Degeneration.	Am J Ophthalmol.	Mar;151(3)	550-6	2011
Takayama S, Seki T, Nakazawa T , Takahashi S, Watanabe M, Izumi M, Kaneko S, Kamiya T, Matsuda A, Kikuchi A, Yambe T, Yoshizawa M, Nitta S, Yaegashi N, Aizawa N.	Short-term effects of acupuncture on open-angle glaucoma in retrobulbar circulation: Additional therapy to standard medication.	Evidence-Based Complementary and Alternative Medicine.	157090	Epub	2011
Watanabe R, Nakazawa T , Fuse N.	Observation of posterior corneal vesicles with <i>in vivo</i> confocal microscopy and anterior segment OCT	Clin Ophthalmol	in press.	1243-1247	2011
Kunikata H, Uematsu M, Nakazawa T , Fuse N.	Successful Removal of Large Intraocular Foreign Body by 25-Gauge Microincision Vitrectomy Surgery.	J Ophthalmol	2011;940323.	Epub 2011 Apr 4.	2011

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発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Ryu M, Yasuda M, Shi D, Shanab A. Y, Watanabe R, Himori N, Omodaka K, Yokoyama Y, Takano J, Saido T, Nakazawa T* .	The critical role of calpain in axonal damage-induced retinal ganglion cell death.	<i>J Neurosci Res</i> .	Apr;90(4)	802-15	2012
Aizawa N, Nakazawa T* , et al.	Reproducibility of retinal circulation measurements obtained using laser speckle flowgraphy-NAVI in patients with glaucoma.	<i>Clin Ophthalmol</i> .	5	1171-6	2011
Chiba N, Nakazawa T* , et al.	Association between optic nerve blood flow and objective examinations in glaucoma patients with generalized enlargement disc type.	<i>Clin Ophthalmol</i> .	5	1549-56 Epub 2011 Oct 28.	2011
Otani T, Yasuda K, Aizawa N, Sakai F, Nakazawa T* , Shimura M.	Over 10 years follow-up of Coats' in adulthood.	<i>Clin Ophthalmol</i> .	5	1729-32. Epub 2011 Dec 8	2011
Tsubota K, Yoshida T, Kurosaka D, Lee KR, Alfonso CE, Nakazawa T* .	Miami to Japan Eye-Care Rescue Mission: Vision Van Helps with Relief Efforts.	<i>Am J Ophthalmol</i> .	Nov;152(5)	886-7	2011
The Japanese Steroid-Induced Glaucoma Multicenter Study Group	Success Rates of Trabeculotomy for Steroid-Induced Glaucoma: a Comparative, Multicenter, Retrospective, Cohort Study.	<i>Am J Ophthalmol</i> .	Jun;151(6)	1047-1056	2011

【平成23年度】研究成果の刊行に関する一覧表（永井展裕）

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H Onami, N Nagai , S Machida, N Kumasaka, R Wakusawa, Y Ishikawa, H Sonoda, Y Sato, T Abe	Reduction of laser-induced choroidal neovascularization by intravitreal vasohibin-1 in monkey eyes	RETINA The Journal of Retinal and Vitreous Diseases	32 (6)	1204-1213	2012
R Wakusawa, T Abe, H Sato, H Sonoda, M Sato, Y Mitsuda, T Takakura, T Fukushima, H Onami, N Nagai , Y Ishikawa, K Nishida, Y Sato.	Suppression of choroidal neovascularization by vasohibin-1, a vascular endothelium-derived angiogenic inhibitor	Invest Ophthalmol Vis Sci	52(6)	3272-3280	2012
T Kawashima, N Nagai , H Kaji, N Kumasaka, H Onami, Y Ishikawa, N Osumi, M Nishizawa, T Abe	A scalable controlled-release device for transscleral drug delivery to the retina	Biomaterials	32(7)	1950-1956	2011

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N. Nagai, N. Kumasaka, T. Kawashima, H. Kaji, M. Nishizawa, T. Abe	Preparation and characterization of collagen microspheres for sustained release of VEGF	J Mater Sci: Mater Med.	21	1891-1898	2010
T. Kawashima, N. Nagai, H. Kaji, N. Kumasaka, H. Onami, N. Osumi, M. Nishizawa, T. Abe	A Scalable Controlled-release Device for Transscleral Drug Delivery to the Retina	Biomaterials	32	1950-1956	2011
T. Miyake, K. Haneda, N. Nagai, Y. Yatagawa, H. Ohnami, S. Yoshino, T. Abe, M. Nishizawa	Enzymatic Biofuel Cells Designed for Direct Power Generation from Biofluids in Living Organisms	Energy & Environmental Science	4	5008-5012	2011

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Onami H, Nagai N, Kaji H, Nishizawa M, Sato Y, Osumi N, Nakazawa T, Abe T	Transscleral sustained vasohibin-1 delivery by a novel device suppressed experimentally-induced choroidal neovascularization	PLoS One	8(3)	e58580	2013
Ahmed Y Shanab, Toru Nakazawa, Morin Ryuu, Yuji Tanaka, Noriko Himori, Keiko Taguchi, Masayuki Yasuda, Ryo Watanabe, Jiro Takano; Saïdo Takaomi, Naoko Minegishi; Toshio Miyata, Toshiaki Abe, Masayuki, Yamamoto	Metabolic stress response implicated in diabetic retinopathy: The role of calpain, and the therapeutic impact of calpain inhibitor	Neurobiol Dis	48(3)	556-67	2012 Dec
Hiroshi Kunikata, Masayuki Yasuda, Naoko Aizawa, Yuji Tanaka, Toshiaki Abe, and Toru Nakazawa	Intraocular Concentrations of Cytokines and Chemokines in Rhegmatogenous Retinal Detachment and the Effect of Intravitreal Triamcinolone Acetonide	Am J Ophthalmol	155(6)	1028-1037	2013 Jun;
Aizawa N, Kunikata H, Abe T, Nakazawa T	Efficacy of combined 25-gauge microincision vitrectomy, intraocular lens implantation, and posterior capsulotomy	J Cataract Refract Surg	38(9)	1602-7	2012 Sep
Kobayashi W, Abe T, Tamai H, Nakazawa T.	Choroidal excavation with polypoidal choroidal vasculopathy: a case report.	Clin Ophthalmol	6	1373-6	2012
Hideyuki Onami, Nobuhiro Nagai, Shigeki Machida, Norihiro Kumasaka, Ryosuke Wakusawa, Yumi Ishikawa, Hikaru Sonoda, Yasufumi Sato, <u>Toshiaki Abe</u>	Reduction of laser-induced choroidal neovascularization by intravitreal vasohibin-1 in monkey eyes	Retina	32(6)	1204-13	2012 Jun
Yumi Tokita-Ishikawa, Nobuhiro Nagai, Hideyuki Onami, Norihiro Kumasaka, Hikaru Sonoda, Tomoaki Takakura, Yasufumi Sato, <u>Toshiaki Abe</u>	Vasohibin and retinal pigment epithelium	Adv Exp Med Biol	723	305-310	2012

【平成24年度】研究成果の刊行に関する一覧表（中澤 徹）

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Takahashi H, Sugiya ma T, Tokushige H, Maeno T, Nakazawa T, Ikeda T, Araie M	Comparison of CCD-equi pped laser speckle flows graphy with hydrogen g as clearance method in the measurement of opt ic nerve head microcirc ulation in rabbits Exper imental Eye Research	Exp Eye Re		108	2013
Toshio Hisatomi, Shi ntaro Nakao, Yusuke Murakami, Kousuke Noda, Toru Nakazaw a, Shoji Notomi, Ed ward Connolly, Haich eng She, Lama Almu lki, Yasuhiro Ito, De metrios G. Vavvas, T atsuro Ishibashi, Joa n W. Miller	The Regulatory Roles of Apoptosis-Inducing Fac tor in the Formation and Regression Processes of Ocular Neovasculariz ation	The America n Journal of Pathology	181(1)	53-61	2012.
Shin Takayama, Mas ashi Watanabe, Hiro ko Kusuyama, Satoru Nagase, Takashi Se ki, Toru Nakazawa, Nobuo Yaegashi	Evaluation of the Effect s of Acupuncture on Bl ood Flow in Humans w ith Ultrasound Color D oppler Imaging	Evidence-Bas ed Comple mentary and Alternative Medicine		513638	2012
Ai Shimizu, Yoshima sa Takano, Dong Shi, Shunji Yokokura, Yu u Yokoyama, Xiaodon g Zheng, Atsushi Shi raishi, Yuichi Ohash i, Toru Nakazawa, N obuo Fuse	Evaluation of CNTNAP 2 gene polymorphisms f or exfoliation syndrome in Japanese	Molecular Vi sion	18	1395-1401	2012
Shanab AY, Nakazaw a T, Ryu M, Tanaka Y, Himori N, Taguc hi K, Yasuda M, Wata nabe R, Takano J, Saido T, Minegishi N, Miyata T, Abe T, Yamamoto M	Metabolic stress respons e implicated in diabetic retinopathy: The role o f calpain, and the thera peutic impact of calpain inhibitor	Neurobiol Di s	48(3)	556-567	2012 Dec
Aizawa N, Kunikata H, Abe T, Nakazawa T	Efficacy of combined 25 -gauge microincision vit rectomy, intraocular len s implantation, and pos terior capsulotomy	J Cataract R efrac Surg	38(9)	1602-1607	2012

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Takano Y, Shi D, Shimizu A, Funayama T, Mashima Y, Yasuda N, Fukuchi T, Abe H, Ideta H, Zheng X, Shiraishi A, Ohashi Y, Nishida K, Nakazawa T, Fuse N	Association of Toll-like Receptor 4 Gene Polymorphisms in Japanese Subjects With Primary Open-Angle, Normal-Tension, and Exfoliation Glaucoma	Am J Ophthalmol.	154(5)	825-832	2012

【平成24年度】研究成果の刊行に関する一覧表（植田 弘師）

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発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Halder SK, Ueda H	Regional distribution and cell type-specific subcellular localization of Prothymosin α in brain	Cell Mol Neurobiol	32	59-66	2012
Halder SK, Matsunaga H, Ueda H	Neuron-specific non-classical release of prothymosin α : a novel neuroprotective damage-associated molecular patterns	J Neurochem	123	262-275	2012
Ueda H, Matsunaga H, Halder SK	Prothymosin α plays multifunctional cell robustness roles in genomic, epigenetic, and nongenomic mechanisms	Ann N Y Acad Sci	1269	34-43	2012

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Hideyuki Onami,† Nobuhiro Nagai,† Hirokazu Kaji, Matsuhiko Niishizawa, Yasufumi Sato, Noriko Osumi, Toru Nakazawa, Toshiaki Abe (†equal contribution).	Transscleral sustained vasohibin-1 delivery by a novel device suppresses experimentally induced choroidal neovascularization	PLoS ONE,	8(3)	e58580	2013
Hideyuki Onami, Nobuhiro Nagai, Shigeki Machida, Norihiro Kumasaka, Ryosuke Wakusawa, Yumi Ishikawa, Hikaru Sonoda, Yasufumi Sato, Toshiaki Abe	Reduction of laser-induced choroidal neovascularization by intravitreal vasohibin-1 in monkey eyes	RETINA The Journal of Retinal and Vitreous Diseases	32(6)	1204-1213	2012
Yumi Ishikawa, Nobuhiro Nagai, Hideyuki Onami, Norihiro Kumasaka, Ryosuke Wakusawa, Hikaru Sonoda, Yasufumi Sato, Toshiaki Abe	Vasohibin-1 and retinal pigment epithelium	Adv Exp Med Biol	723	305-310	2012

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Hideyuki Onami,† Nobuhiro Nagai,† Hirokazu Kaji, Matsuhiko Nishizawa, Yasufumi Satoh, Noriko Osumi, Toru Nakazawa, Toshiaki Abe (†equal contribution).	Transscleral sustained vasohibin-1 delivery by a novel device suppresses experimentally induced choroidal neovascularization	PLoS ONE,	8(3)	e58580	2013
Takeo Miyake, Keigo Haneda, Syuhei Yoshino and Matsuhiko Nishizawa	Flexible, Layered Biofuel Cells.	Biosensors and Bioelectronics	40	45-49	2013
Syuhei Yoshino, Takeo Miyake, Takeo Yamada, Kenji Hata and Matsuhiko Nishizawa	Molecularly Ordered Bioelectrocatalytic Composite inside a Film of Aligned Carbon Nanotubes	Advanced Energy Materials	3	60-64	2013
Nagamine K, Kawashima T, Sekine S, Ido Y, Kanzaki M, Nishizawa M	Spatiotemporally Controlled Contraction of Micropatterned Skeletal Muscle Cells on a Hydrogel Sheet	Lab Chip	11	513-517	2012
Ido Y, Takahashi D, Sasaki M, Nagamine K, Miyake T, Jasinski P, Nishizawa M	Conducting Polymer Microelectrodes Anchored to Hydrogel Films	ACS Macro Letters	1	400-403	2012
Haneda K, Yoshino S, Ofuji T, Miyake T, Nishizawa M	Sheet-Shaped Biofuel Cell Constructed from Enzyme-Modified Nanoengineered Carbon Fabric	Electrochim. Acta	82	175-178	2012
Nagamine K, Ito K, Takahashi M, Otani S, Nishizawa M	An Oxygen Responsive Microparticles Patterned Hydrogel Sheet for Enzyme Activity Imaging	Electrochim. Acta	80	318-320	2012

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AbeT, Tokita-Ishikawa Y, Onami H, Katsukura Y, Kaji H, Nishizawa M, Nagai N	Intrascleral Transplantation of a Collagen Sheet with Cultured Brain-Derived Neurotrophic Factor Expressing Cells Partially Rescues the Retina from Damage due to Acute High Intraocular Pressure. Retinal Degenerative Diseases	Advances in Experimental Medicine and Biology	Volume 801	837-843	2014
Nagai N, Kaji H, Onami H, Ishikawa Y, Nishizawa M, Osumi N, Nakazawa T, Abe T.	A polymeric device for controlled transscleral multi-drug delivery to the posterior segment of the eye	Acta Biomater	10	680-7	2014
Kunikata H, Aizawa N, Meguro Y, <u>Abe T</u> , Nakazawa T.	Combined 25-gauge microincision vitrectomy and toric intraocular lens implantation with posterior capsulotomy.	Ophthalmic Surg Lasers Imaging Retina	44	145-54	2013
Kunikata H, Yasuda M, Aizawa N, Tanaka Y, Abe T, Nakazawa T	Intraocular concentrations of cytokines and chemokines in rhegmatogenous retinal detachment and the effect of intravitreal triamcinolone acetonide	Am J Ophthalmol	155	1028-37	2013

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Hagiwara K, Obayashi T, Sakayori N, Yamanishi E, Hayashi R, Osumi N, Nakazawa T, Nishida K	Molecular and cellular features of murine craniofacial and trunk neural crest cells as stem cell-like cells	PLoS One	9	e84072	2014
Takahashi M, Omodaka K, Maruyama K, Yamaguchi T, Himori N, Shiga Y, Ryu M, Kunikata H, Nakazawa T.	Simulated Visual Fields Produced from Macular RNFLT Data in Patients with Glaucoma	Curr Eye Res	38	1133-1141	2013
Takahashi H, Sugiyama T, Tokushige H, Maeno T, Nakazawa T, Ikeda T, Araie M	Comparison of CCD-equipped laser speckle flowgraphy with hydrogen gas clearance method in the measurement of optic nerve head microcirculation in rabbits	Exp Eye Res	108	10-15	2013
Shiga Y, Shimura M, Asano T, Tsuda S, Yokoyama Y, Aizawa N, Omodaka K, Ryu M, Yokokura S, Takeshita T, Nakazawa T.	The influence of posture change on ocular blood flow in normal subjects, measured by laser speckle flowgraphy	Curr Eye Res	38	691-698	2013
Shi D, Takano Y, Nakazawa T, Mengkegale M, Yokokura S, Nishida K, Fuse N	Molecular genetic analysis of primary open-angle glaucoma, normal tension glaucoma, and developmental glaucoma for the VAV2 and VAV3 gene variants in Japanese subjects	Biochem Biophys Res Commun	432	509-512	2013
Shi D, Funayama T, Mashima Y, Takano Y, Shimizu A, Yamamoto K, Mengkegale M, Miyazawa A, Yasuda N, Fukuchi T, Abe H, Ideta H, Nishida K, Nakazawa T, Richards JE, Fuse N	Association of HK2 and NCK2 with normal tension glaucoma in the Japanese population	PLoS One	8	e54115	2013

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Omodaka K, Kunimatsu-Sanuki S, Morin R, Tsuda S, Yokoyama Y, Takahashi H, Maruyama K, Kunikata H, Nakazawa T	Development of a new strategy of visual field testing for macular dysfunction in patients with open angle glaucoma	Jpn Ophthalmol	57	457-462	2013
Himori N, Yamamoto K, Maruyama K, Ryu M, Taguchi K, Yamamoto M, Nakazawa T	Critical role of Nrf2 in oxidative stress-induced retinal ganglion cell death.	J Neurochem	127	669-680	2013
Hayashi R, Himori N, Taguchi K, Ishikawa Y, Uesugi K, Ito M, Duncan T, Tsujikawa M, Nakazawa T, Yamamoto M, Nishida K	The role of the Nrf2-mediated defense system in corneal epithelial wound healing	Free Radic Biol Med	61	333-342	2013

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Halder SK, Matsunaga H, Yamaguchi H, Ueda H	Novel neuroprotective action of prothymosin α -derived peptide against retinal and brain ischemic damages	J Neurochem	125	713-723	2013
Halder SK, Sugimoto J, Matsunaga H, Ueda H	Therapeutic benefits of 9-amino acid peptide derived from prothymosin alpha against ischemic damages	Peptide	43	68-75	2013

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