

## 業 績 目 錄 (平成 27 年)

### 教室・部門名 生命基礎数理学

#### (C-a) 英文原著

- 1 Li Z, Allingham RR, Nakano M, Jia L, Chen Y, Ikeda Y, Mani B, Chen LJ, Kee C, Garway-Heath DF, Sripriya S, Fuse N, Abu-Amro KK, Huang C, Namburi P, Burdon K, Perera SA, Gharahkhani P, Lin Y, Ueno M, Ozaki M, Mizoguchi T, Krishnadas SR, Osman EA, Lee MC, Chan AS, Tajudin LS, Do T, Goncalves A, Reynier P, Zhang H, Bourne R, Goh D, Broadway D, Husain R, Negi AK, Su DH, Ho CL, Blanco AA, Leung CK, Wong TT, Yakub A, Liu Y, Nongpiur ME, Han JC, Hon do N, Shantha B, Zhao B, Sang J, Zhang N, Sato R, Yoshii K, Panda-Jonas S, Ashley Koch AE, Herndon LW, Moroi SE, Challa P, Foo JN, Bei JX, Zeng YX, Simmons CP, Bich Chau TN, Sharmila PF, Chew M, Lim B, Tam PO, Chua E, Ng XY, Yong VH, Chong YF, Meah WY, Vijayan S, Seongsoo S, Xu W, Teo YY, Cooke Bailey JN, Kang JH, Haines JL, Cheng CY, Saw SM, Tai ES, ICAARE-Glaucoma Consortium, NEIGHBORHOOD Consortium, Richards JE, Ritch R, Gaasterland DE, Pasquale LR, Liu J, Jonas JB, Milea D, George R, Al-Obeidan SA, Mori K, Macgregor S, Hewitt AW, Girkin CA, Zhang M, Sundaresan P, Vijaya L, Mackey DA, Wong TY, Craig JE, Sun X, Kinoshita S, Wiggs JL, Khor CC, Yang Z, Pang CP, Wang N, Hauser MA, Tashiro K, Aung T, Vithana EN. A common variant near TGFBR3 is associated with primary open angle glaucoma. *Hum. Mol. Genet.*, 24: 3880–3892, 2015. (IF= 5.985) (ゲノム医科学, 視覚機能再生外科学との共同)
- 2 Nakano M, Okumura N, Nakagawa H, Koizumi N, Ikeda Y, Ueno M, Yoshii K, Adachi H, Aleff RA, Butz ML, Highsmith WE, Tashiro K, Wieben ED, Kinoshita S, Baratz KH. Trinucleotide Repeat Expansion in TCF4 Gene of Fuchs' Endothelial Corneal Dystrophy in Japanese. *Invest. Ophthalmol. Vis. Sci.*, 56: 4865–4869, 2015. (IF= 3.427) (ゲノム医科学, 視覚機能再生外科学との共同)
- 3 ○Adachi H, Tominaga H, Maruyama Y, Yoneda K, Maruyama K, Yoshii K, Kinoshita S, Nakano M, Tashiro K. Stage-specific reference genes significant for quantitative PCR during mouse retinal development.

Genes Cells, 20: 625–635, 2015. (IF= 2.481) (ゲノム医科学, 視覚機能再生外科学との共同)

- 4 Kawakami T, Nagasaki I, Definable obstruction theory, Bull. Fac. Ed. Wakayama Univ. Natur. Sci. No. 65, 1-7, 2015.
- 5 Kawakami T, Nagasaki I, A definable Borsuk–Ulam type theorem, Bull. Fac. Ed. Wakayama Univ. Natur. Sci. No. 65 9-13, 2015.
- 6 Konishi E, Nakashima Y, Mano M, Tomita Y, Nagasaki I, Kubo T, Araki N, Haga H, Toguchida J, Ueda T, Sakuma T, Imahori M, Morii E, Yoshikawa H, Tsukamoto Y, Futani H, Wakasa K, Hoshi M, Hamada S, Takeshita H, Inoue T, Aono M, Kawabata K, Murata H, Katsura K, Urata Y, Ueda H, Yanagisawa A. Primary central chondrosarcoma of long bone, limb girdle and trunk: Analysis of 174 cases by numerical scoring on histology, Pathol Int. 65(9):468–75. 2015. (IF= 1.425) (人体病理学と共同)
- 7 Nagasaki I, An estimate of the isovariant Borsuk–Ulam constant, RIMS Kokyuroku 1968, 23–28, 2015.
- 8 Nagasaki I, The Borsuk–Ulam inequality for representations, Studia Humana et Naturalia 49, 21–30, 2015.

(C-b) 和文原著

- 1 小田莉恵, 森和彦, 吉井健悟, 池田陽子, 上野盛夫, 吉川晴菜, 丸山悠子, 小泉範子, 木下茂. 日本人健常者における視神経乳頭サイズと乳頭回転角の検討. あたらしい眼科 2015; 32(8): 1183–1186. (視覚機能再生外科学との共同)
- 2 三戸千賀子, 池田陽子, 森和彦, 山田裕美, 津崎さつき, 長谷川志乃, 上野盛夫, 中野正和, 吉井健悟, 木下茂. 原発開放隅角緑内障の全身的危険因子の検討. あたらしい眼科 2015; 32(11): 97–101. (ゲノム医科学, 視覚機能再生外科学との共同)
- 3 小野勝彦, 山内菜緒, 後藤仁志, 吉井健悟, 野村真. 腹側視床の形成と視床皮質投射の軸索ガイダンス. Studia Humana et Naturalia 2015, 49: 31–40. (神経発生生物学との共同)
- 4 岩田勝, 鳥井淳貴, 片岡幸雄, 吉井健悟, 片岡繁雄. 大学柔道部員の外傷及び治療体験と治療機関・治療方法等について—特に, 関西地域に在籍する大学柔道部員を対象にして—. スポーツ整復療法学研究 2015; 17(1): 1–8.
- 5 伊藤芳恵, 吉井健悟, 上村英記, 米田忠正, 米田實. 腰椎分離症保存療法の CT 期別分類における骨癒合期間の比較. 柔道整復接骨医学

2015; 24(2): 84-90.

### 【その他】

- 1 吉井健悟, 安田誠, 浅野弘明. 気象データを用いた花粉飛散量予測回帰モデルの構築. 京都府立医科大学看護学科紀要 2015; 25: 41-45.  
(耳鼻咽喉科・頭頸部外科学, 保健看護情報科学との共同)

### (D) 学会発表

#### II) シンポジウム、ワークショップ、パネルディスカッション等

- 1 長崎生光, On the isovariant Borsuk-Ulam constant, RIMS 研究集会「新しい変換群論の幾何」(代表 川上智博) 5月 25 日, 京都

#### III) 国際学会における一般発表

- 1 Oda R, Mori K, Yoshii K, Ikeda Y, Ueno M, Yoshikawa H, Maruyama Y, Koizumi N, Kinoshita S. Rotation angle of the optic disc and clinical features in normal Japanese eyes. ARVO, Denver, 2015. 5. 3-7. (視覚機能再生外科学との共同)
- 2 Tanaka H, Ueno M, Toda M, Hamuro J, Yoshii K, Koizumi N, Okumura N, Kinoshita S, Montoya M, Iliakis B. Investigation of the donor tissue information on the phenotypes of cultivated human corneal endothelium. ARVO, Denver, 2015. 5. 3-7. (視覚機能再生外科学との共同)
- 3 Yamamoto Y, Mori K, Yoshii K, Ikeda Y, Ueno M, Yoshikawa H, Imai K, Kinoshita S. Five-year morphological changes of filtering bleb after trabeculectomy from the Collaborative Bleb-Related Infection Incidence and Treatment Study. ARVO, Denver, 2015. 5. 3-7. (視覚機能再生外科学との共同)
- 4 Mori K, Ikeda Y, Ueno M, Yoshii K, Sato R, Sato F, Nakano M, Kinoshita S. Detection of intraocular pressure seasonality in patients with various types of glaucoma. ARVO, Denver, 2015. 5. 3-7. (ゲノム医科学, 視覚機能再生外科学との共同)
- 5 Sannohe C, Ikeda Y, Mori K, Yamada H, Tsuzaki S, Ueno M, Nakano M, Yoshii K, Kinoshita S. Female risk factors for primary open-angle glaucoma and normal tension glaucoma. ARVO, Denver, 2015. 5. 3-7. (ゲノム医科学, 視覚機能再生外科学との共同)
- 6 Maruyama Y, Ikeda Y, Yoshii K, Mori K, Yoshikawa H, Ueno M,

- Kinoshita S. Analysis of hematological and biochemical data in primary angle-closure glaucoma patients. The 6th World Glaucoma Congress, Hong Kong, China, 2015. 6. 6-9. (視覚機能再生外科学との共同)
- 7 Sannohe C, Ikeda Y, Mori K, Ueno M, Yoshii K, Kinoshita S, Yamada H, Tsuzaki S, Nakano M. Female risk factors for primary open-angle glaucoma and normal tension glaucoma. The 6th World Glaucoma Congress, Hong Kong, China, 2015. 6. 6-9. (ゲノム医科学, 視覚機能再生外科学との共同)
- 8 Yoshikawa H, Ikeda Y, Mori K, Ueno M, Yoshii K, Kinoshita S. Comparison of anterior segment structure between pseudoexfoliation glaucoma and primary open-angle glaucoma patients. The 6th World Glaucoma Congress, Hong Kong, China, 2015. 6. 6-9. (視覚機能再生外科学との共同)
- 9 Oda R, Mori K, Yoshii K, Ikeda Y, Ueno M, Yoshikawa H, Maruyama Y, Koizumi N, Kinoshita S. Rotation angle of the optic disc and clinical features in normal Japanese eyes. The 6th World Glaucoma Congress, Hong Kong, China, 2015. 6. 6-9. (視覚機能再生外科学との共同)
- 10 Yamamoto Y, Mori K, Yoshii K, Ikeda Y, Ueno M, Yoshikawa H, Imai K, Kinoshita S. Five-year morphologicak changes of filtering bleb after trabeculectomy from the collaborative bleb-related infection incidence and treatment study. The 6th World Glaucoma Congress, Hong Kong, China, 2015. 6. 6-9. (視覚機能再生外科学との共同)
- 11 Mori K, Ikeda Y, Ueno M, Yoshii K, Sato R, Sato F, Nakano M, Kinoshita S. Detection of intraocular pressure seasonality in various types of glaucoma patients. The 6th World Glaucoma Congress, Hong Kong, China, 2015. 6. 6-9. (ゲノム医科学, 視覚機能再生外科学との共同)
- 12 Nagasaki, I, Remarks on the weak isovariant Borsuk-Ulam theorem, The conference "Glances at Manifolds", July 17-20, 2015, Kraków, Poland.