

2018業績 2017/12/1～2018/12/31

英文論文

1. Yazu H, Yamaguchi T, Aketa N, Higa K, Suzuki T, Yagi-Yaguchi Y, Satake Y, Abe T, Tsubota K, Shimazaki J: Preoperative Aqueous Cytokine Levels are Associated With Endothelial Cell Loss After Descemet's Stripping Automated Endothelial Keratoplasty. *Invest Ophthalmol Vis Sci*, 59:612-620, 2018.
2. Kojima T, Simsek C, Igarashi A, Aoki K, Higa K, Shimizu T, Dogru M, Tsubota K, Shimazaki J: The Role of 2% Rebamipide Eye Drops Related to Conjunctival Differentiation in Superoxide Dismutase-1 (Sod1) Knockout Mice. *Invest Ophthalmol Vis Sci*, 59:1675-1681, 2018.
3. Ikeda K, Simsek C, Kojima T, Higa K, Kawashima M, Dogru M, Shimizu T, Tsubota K, Shimazaki J: The effects of 3% diquafosol sodium eye drop application on meibomian gland and ocular surface alterations in the Cu, Zn-superoxide dismutase-1 (Sod1) knockout mice. *Graefes Arch Clin Exp Ophthalmol*, 181:166-173, 2018.
4. Yoshimoto T, Serikawa M, Higa K, Kitamura K, Kasahara M, Yamamoto M, Abe S. Effect of mesenchymal cells on myoblast sheets embedded in collagen gel. *Bull Tokyo Dent Coll*, 59:87-95, 2018
5. Yamaguchi T, Higa K, Tsubota K, Shimazaki J. Elevation of preoperative recipient aqueous cytokine levels in eyes with primary graft failure after corneal transplantation. *Mol Vis* 24 In press, 2018.
6. Nishisako S, Aoki D, Sasaki C, Higa K, and Shimazaki J. Comparison of artificial anterior chamber internal pressures and cutting systems for Descemet's stripping automated endothelial keratoplasty. *Trans Vis Sci Tec*. In press, 2018
7. Yamashita K, Hatou S, Higa K, Inagaki E, Tsubota K, Shimmura S. A Rabbit Corneal Endothelial Dysfunction Model Using Endothelial-Mesenchymal Transformed Cells. *Sci Rep*, Inpress, 2018
8. Yamashita K, Inagaki E, Hatou S, Higa K, Ogawa A, Miyashita H, Tsubota K, Shimmura S. Corneal Endothelial Regeneration Using Mesenchymal Stem Cells Derived from Human Umbilical Cord. *Stem Cells Dev*. 27 :1097-1108, 2018

国際学会

The Association for Research in Vision and Ophthalmology 2018 Annual Meeting, Honolulu, Hawaii, USA, 2018/4/29-5/3.

1. Jun Shimazaki, Kazunari Higa, Yoshiyuki Satake. Long-term Outcomes of Cultivated Epithelial Sheet Transplantation for Chemical or Thermal Burns of the Cornea. (Poster Session)
2. Takefumi Yamaguchi, Koji Ueda, Kazunari Higa, Yoshiyuki Satake, Kazuo Tsubota, Jun Shimazaki. Proteomic analysis of the aqueous humor: Complement activation is the major pathway in the Aqueous humor in eyes with complicated pseudophakic bullous keratopathy. (Poster Session)
3. Takefumi Yamaguchi, Koji Ueda, Kazunari Higa, Yoshiyuki Satake, Kazuo Tsubota, Jun Shimazaki. Proteomic analysis of the aqueous humor: Complement activation is the major pathway in the Aqueous humor in eyes with complicated pseudophakic bullous keratopathy. (Poster Session)

4. Kazunari Higa, Junk Higuchi, Yoshiyuki Satake, Takefumi Yamaguchi, Daisuke Tomida, Jun Shimazaki. Effects of amniotic membrane mesenchymal stem cells for the corneal epithelial proliferation and differentiation. (Poster Session)

The 36th Congress of the European Society of Cataract and Refractive Surgeons, Vienna, Austria, 2018/9/22-9/26.

1. Den S, Yamaguchi T, Tomida D, Higa K, Abe T, Miki E, Toda I, Shimazaki J. Alteration of protein and cytokine levels in the aqueous humor in eyes with implantation of iris-crow anterior chamber phakic intraocular lens (Artisanm Ohytec BV)

国内学会

第42回日本角膜学会総会, 第34回日本角膜移植学会, 広島市, 2018/2/15-17.

1. 佐竹良之, 比嘉一成, 田 聖花, 富田大輔, 山口剛史, 島崎 潤. Stevens-Johnson症候群に対する培養上皮移植を用いた眼表面再建術の長期予後.
2. 山口剛史, 植田幸嗣, 比嘉一成, 佐竹良之, 島崎 潤. 角膜内皮疾患の房水Proteome解析.
3. 田 聖花, 比嘉一成, 有田玲子, 島崎 潤. 重症閉塞性マイボーム腺機能不全に対する活性型ビタミンD3軟膏の効果と安全性.
4. 比嘉一成, 樋口順子, 佐竹良之, 山口剛史, 富田大輔, 島崎 潤. 羊膜由来間葉系細胞培養上清のウサギ角膜上皮創傷治癒モデルへの影響.
5. 山下和哉, 稲垣絵海, 羽藤 晋, 比嘉一成, 宮下英之, 坪田一男, 榛村重人. ウサギの培養角膜内皮細胞による新しい水疱性角膜症モデル

第17回日本再生医療学会総会, 横浜, 2018/3/21-23.

1. 比嘉一成, 樋口順子, 佐竹良之, 山口剛史, 富田大輔, 島崎 潤. ウサギ角膜上皮創傷治癒モデルにおける羊膜由来間葉系細胞培養上清の効果.
2. 山下和哉, 稲垣絵海, 羽藤 晋, 比嘉一成, 小川安希子, 宮下英之, 坪田一男, 榛村重人. ヒト臍帯由来間葉系幹細胞からの角膜内皮細胞誘導における機能解析

第305回東京歯科大学学会, 水道橋, 2018/6/2.

1. 富田尚充, 永倉遼太郎, 山本将仁, 四ツ谷護, 大平真理子, 菅野亜紀, 佐々木穂高, 大久保真衣, 佐藤正樹, 比嘉一成, 阿部伸一. 筋の骨への付着部形成過程におけるSox-9の局在に関する免疫組織化学的検索.

第39回日本炎症・再生医学会, 新宿, 2018/7/11-12.

1. 山下和哉, 羽藤 晋, 稲垣絵海, 比嘉一成, 坪田一男, 榛村重人. 上皮間葉転換を用いたウサギ培養角膜内皮細胞による新規水疱性角膜症モデル.