

## 業績目録(平成28年)

### 教室・部門名 形成外科学

#### (A-b) 和文著書

- 1 西野健一. ジェネラリストのための外来初療・処置ガイド. 顔面外傷. 田島知郎編. 医学書院, 東京:pp85, 2016.

#### (B-b) 和文総説

- 1 素輪 善弘, 岸田 綱郎, 沼尻 敏明, 松田 修. 【細胞移植と神経再生】末梢神経. 末梢神経における脂肪組織由来幹細胞移植(解説/特集). Clinical Neuroscience 34 巻 10 号: pp1157-1160, 2016. (免疫学との共同)
- 2

#### (C-a) 英文原著

- 1 Numajiri T, Sowa Y, Nishino K, Arai A, Tsujikawa T, Ikebuchi K, Nakano H, Sakaguchi H. Use of systemic low-dose unfractionated heparin in microvascular head and neck reconstruction: Influence in free-flap outcomes. J Plast Surg Hand Surg 50: 135-141, 2016. (IF=0.791) (耳鼻咽喉科・頭頸部外科学との共同)
- 2 Numajiri T, Nakamura H, Sowa Y, Nishino K. Low-cost Design and Manufacturing of Surgical Guides for Mandibular Reconstruction Using a Fibula. Plast Reconstr Surg Glob Open 2016;4:e805
- 3 Sowa Y, Morihara T, Kushida R, Sakaguchi K, Taguchi T, Numajiri T. Long-term prospective assessment of shoulder function after breast reconstruction involving a latissimus dorsi muscle flap transfer and postoperative radiotherapy. Breast Cancer 24:362-368, 2016. (IF=1.505) (内分泌・乳腺外科学との共同)
- 4 Sowa Y, Numajiri T, Itsukage S, Nishino K. Comparison of Shear-Wave and Strain Ultrasound Elastography for Evaluating Fat Induration after Breast Reconstruction. Plast Reconstr Surg Glob Open. 2016;4:e677
- 5 Sowa Y, Numajiri T, Kawarazaki A, Sakaguchi K, Taguchi T, Nishino K. Preventive effects on seroma formation with use of the harmonic focus shears after breast reconstruction with the latissimus dorsi flap. J Plast Surg Hand Surg 50:349-353, 2016. (IF=0.791) (内分泌・乳腺外科学との共同)

- 6 Sowa Y, Kishida T, Imura T, Numajiri T, Nishino K, Tabata Y, Matsuda O. Adipose-Derived Stem Cells Promote Peripheral Nerve Regeneration In Vivo without Differentiation into Schwann-Like Lineage. *Plast Reconstr Surg* 137:318e-330e, 2016. (IF=3.784) (免疫学との共同)
- 7 Sowa Y, Numajiri T. Reconstruction of Larger Nasal Defects using Tip Divided-Scalping Forehead Flap. *J Tissue Sci Eng* 2016;7:e1-2
- 8 Yamamoto K, Sato Y, Honjo K, Ichioka H, Oseko F, Sowa Y, Yamamoto T, Kanamura N, Kishida T, Mazda O. Generation of Directly Converted Human Osteoblasts That Are Free of Exogenous Gene and Xenogenic Protein. *J Cell Biochem* 117:2538-45, 2016. (IF=3.085) (免疫学との共同)

(C-b) 和文原著

- 1 沼尻敏明、中村寛子、恋水諄源、森田大貴、素輪善弘、西野健一. 下顎再建におけるサージカルガイドのデザイン方法. *形成外科* 59:1230-1236, 2016.

(D) 学会発表

I) 特別講演、教育講演等

- 1 沼尻敏明. 形成外科医から皮膚科医へのメッセージ. 第32回日本臨床皮膚科医会近畿ブロック総会学術集会, 2016, 京都.
- 2 恋水諄源, 加藤和人. ELSIから考える介護ロボットの行く先. 第34回日本ロボット学会学術講演会, 2016, 山形.

III) 国際学会における一般発表

- 1 Numajiri T, Nakamura H, Morita D, Sowa Y, Nishino K. Accuracy of CAD/CAM surgical guides for mandibular reconstruction using fibula. The 13th Japan-Korea Congress of Plastic and Reconstructive Surgery. 2016 May 15; Kanazawa.
- 2 Numajiri T, Nakamura H, Morita D, Inafuku N, Hori T, Sowa Y. Use of systemic low-dose heparin in head and neck reconstruction with a free flap: coagulation time, complications, and free flap survival. The 3rd Congress of Asian Pacific Federation of Societies for Reconstructive Microsurgery. 2016 June 04; Beijing, China.
- 3 Numajiri T, Nakamura H, Morita D, Tusjiko S, Sowa Y. Low Cost CAD/CAM Guides for Mandibular Reconstruction with a Fibula. The 23rd European Association for Cranio Maxillo-Facial Surgery Congress. 2016 Sep 14; London, UK.

- 4 Numajiri T, Tsujiko S, Morita D, Nakamura H, Sowa Y. Designing a fixation guide with fibular segments in mandibular reconstructions. The 11th Congress of the Asian Pacific Craniofacial Association. 2016 Dec 03;Nara.
- 5 Sowa Y, Yokota I, Itsukage S, Nakatsukasa K, Sakaguchi K, Taguchi T, Numajiri T. Evaluation of the severity of capsular contracture using elastography after breast implant reconstruction. The 40th World Congress of the International College of Surgeons. 2016 Oct 24;Kyoto. (内分泌・乳腺外科学との共同)
- 6 Sowa Y, Itsukage S, Nakatsukasa K, Sakaguchi K, Taguchi T, Numajiri T. Ultrasound Shear Wave Elastography for Follow-Up Fat Induration after Breast Reconstruction with DIEP Flap. The 17th International Course on Perforator Flaps. 2016 Nov 12;Sydney, Australia. (内分泌・乳腺外科学との共同)
- 7 Tsujiko S, Numajiri T, Morita D, Nakamura H. Evaluation of Unilateral Registration-splint for Surgical Navigation in Midfacial Surgery. Asian Pacific Craniofacial Association. 2016 Dec 1-3;Nara.
- 8 Morita D, Numajiri T, Nakamura H, Tsujiko S, Sowa Y. Maxillary reconstruction using surgical guides created by CAD. European Association for Cranio Maxillo Facial Surgery. 2016 Sep 13-16; London, UK.
- 9 Morita D, Numajiri T, Tsujiko S, Nakamura H, Sowa Y. How to deal with the intra-op defect size change using CAD/CAM guides in maxillary reconstruction. Asian Pacific Craniofacial Association. 2016 Dec 1-3;Nara.
- 10 Nakamura H, Numajiri T, Morita D, Tsujiko S, Sowa Y. Maxillary reconstruction with a free fibula flap using three-dimensional models and a navigation system. The 3rd Congress of Asian Pacific Federation of Societies for Reconstructive Microsurgery. 2016 Jul 2-5;Beijing, China.
- 11 Nakamura H, Numajiri T, Morita D, Sowa Y. Maxillary reconstruction using three-dimensional models and a navigation system. The 23rd European Association for Cranio Maxillo-Facial Surgery Congress. 2016 Sep 13-16;London, UK.

E 研究助成（競争的研究助成金）

総額 230万円

公的助成

代表（総額）・小計230万円

- 1 文部科学省科学研究費補助金基盤研究（C） 平成27～29年度  
末梢神経損傷に対する細胞移植治療を目的とした新規シュワン細胞誘導法  
助成金額 130万円
- 2 地域関連課題等研究支援費及び若手研究者育成支援費 平成28年度  
ダイレクト・リプログラミングによるシュワン細胞の調整と多彩な神経障害に  
対する神経再生の挑戦 助成金額 100万円