

病態分子イメージングセンターに係る業績

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<雑誌論文> (著者名・論文標題・雑誌名・レフエリー有無・巻・ページ・発行年)			
<令和元年度(2019 年度)>			
Ma Y, <u>Kakudo N</u> , Morimoto N, Lai F, Taketani S, <u>Kusumoto K</u> . Fibroblast growth factor-2 stimulates proliferation of human adipose-derived stem cells via Src activation. Stem Cell Res Ther. レフリー有 2019 Nov 27;10(1):350. doi: 10.1186/s13287-019-1462-z.			
Masuoka H, <u>Morimoto N</u> , Mahara A, Sakamoto M, Mitsui T, <u>Kakudo N</u> , <u>Kusumoto K</u> , Yamaoka T. Simple and efficient method for consecutive inactivation-cryopreservation of porcine skin grafts. J Artif Organs. レフリー有 2020 Jun;23(2):147-155. doi: 10.1007/s10047-019-01142-2. Epub 2019 Nov 3.			
Takegawa M, <u>Kakudo N</u> , Morimoto N, Hihara M, Masuoka H, <u>Kusumoto K</u> . Primary cutaneous adenoid cystic carcinoma on the lower leg. J Surg Case Rep. レフリー有 2019 Jun 28;2019(6):rjz201. doi: 10.1093/jscr/rjz201. eCollection 2019 Jun.			
Munisso MC, Morimoto N, Notodihardjo SC, Mitsui T, <u>Kakudo N</u> , <u>Kusumoto K</u> . Collagen/Gelatin Sponges (CGSs) Provide Both Protection and Release of bFGF: An In Vitro Study. Biomed Res Int. レフリー有 2019 Feb 19;2019:4016351. doi: 10.1155/2019/4016351. eCollection 2019.			
Nagama T, <u>Kakudo N</u> , Fukui M, Yamauchi T, Mitsui T, <u>Kusumoto K</u> . Heterotopic Endometriosis in the Inguinal Region: A Case Report and Literature Review. Eplasty. レフリー有 2019 Dec 3;19:ic19. eCollection 2019.			
<u>Matsuoka Y</u> , <u>Kakudo N</u> , Fukui M, <u>Kusumoto K</u> . Giant plexiform schwannoma in the plantar aspect of the foot: a case report. J Surg Case Rep. レフリー有 2019 Dec 4;2019(11):rjz352. doi: 10.1093/jscr/rjz352. eCollection 2019 Nov.			
<u>Hihara M</u> , Yagura T, Takegawa M, <u>Kakudo N</u> , Morimoto N, <u>Kusumoto K</u> . A novel fixation method for panfacial fracture using an Ilizarov-type external fixator. Trauma Case Rep. レフリー有 2019 Jun 22;22:100214. doi: 10.1016/j.tcr.2019.100214. eCollection 2019 Aug.			
<u>Fukui M</u> , <u>Kakudo N</u> , Morimoto N, <u>Hihara M</u> , <u>Masuoka H</u> , <u>Kusumoto K</u> . Squamous Cell Carcinoma Arising From an Epidermal Cyst of the Buttock: A Case Report. Eplasty. レフリー有 2019 Oct 21;19:ic18. eCollection 2019.			
<u>Kakudo N</u> , Morimoto N, <u>Ma Y</u> , <u>Kusumoto K</u> . Differences between the Proliferative Effects of Human Platelet Lysate and Fetal Bovine Serum on Human Adipose-Derived Stem Cells. Cells. レフリー有 2019 Oct 8;8(10):1218. doi: 10.3390/cells8101218.			
Le TM, Morimoto N, Mitsui T, Notodihardjo SC, Munisso MC, <u>Kakudo N</u> , <u>Kusumoto K</u> . The sustained release of basic fibroblast growth factor accelerates angiogenesis and the engraftment of the inactivated dermis by high hydrostatic pressure.			

PLoS One. レフリー有 2019 Feb 21;14(2):e0208658. doi: 10.1371/journal.pone.0208658.
eCollection 2019.

<令和2年度(2020年度)>

Le TM, Morimoto N, Ly NTM, Mitsui T, Notodihardjo SC, Munisso MC, Kakudo N, Moriyama H, Yamaoka T, Kusumoto K.

Hydrostatic pressure can induce apoptosis of the skin.

Sci Rep. レフリー有 2020 Oct 19;10(1):17594. doi: 10.1038/s41598-020-74695-5.

Lai F, Kakudo N, Morimoto N, Ma Y, Kusumoto K.

Preparing Activated Platelet-Rich Plasma for Culturing Human Adipose-Derived Stem Cells. J Vis Exp. レフリー有 2020 May 4;(159). doi: 10.3791/60480.

Masuoka H, Morimoto N, Mahara A, Sakamoto M, Mitsui T, Kakudo N, Kusumoto K, Yamaoka T. Simple and efficient method for consecutive inactivation-cryopreservation of porcine skin grafts.

J Artif Organs. レフリー有 2020 Jun;23(2):147–155. doi: 10.1007/s10047-019-01142-2. Epub 2019 Nov 3.

Mitsui T, Morimoto N, Mahara A, Notodihardjo SC, Le TM, Munisso MC, Kakudo N, Yamaoka T, Kusumoto K.

High Hydrostatic Pressure Therapy Annihilates Squamous Cell Carcinoma in a Murine Model. Biomed Res Int. レフリー有 2020 Mar 7;2020:3074742. doi: 10.1155/2020/3074742.
eCollection 2020.

Kakudo N, Morimoto N, Ogawa T, Kusumoto K.

Effects of Fibroblast Growth Factor-2 Combined With a Collagen/Gelatin Sponge for Adipogenesis in the Mouse Subcutis.

Ann Plast Surg. レフリー有 2020 Feb;84(2):216–221. doi: 10.1097/SAP.0000000000002046.

Nakanishi Y, Kakudo N, Kusumoto K.

Use of a Lateral Orbital Flap for Lateral Canthal Reconstruction: A Case Report.

Eplasty. レフリー有 2020 May 27;20:ic10. eCollection 2020.

Hihara M, Kakudo N, Morimoto N, Hara T, Lai F, Jo J, Tabata Y, Kusumoto K.

Improved viability of murine skin flaps using a gelatin hydrogel sheet impregnated with bFGF.

J Artif Organs. レフリー有 2020 Dec;23(4):348–357. doi: 10.1007/s10047-020-01188-7. Epub 2020 Jul 6.

Notodihardjo SC, Morimoto N, Munisso MC, Le TM, Mitsui T, Kakudo N, Kusumoto K.

A comparison of the wound healing process after the application of three dermal substitutes with or without basic fibroblast growth factor impregnation in diabetic mice.

J Plast Reconstr Aesthet Surg. レフリー有 2020 Aug;73(8):1547–1555. doi: 10.1016/j.bjps.2020.01.031. Epub 2020 Jan 23.

<図書> (著者名・出版社・書名・発行年・総ページ数)

特記すべき内容なし

<学会発表> (発表者名・発表標題・学会名・開催地(海外の場合は国名と都市名)・発表年月)

<令和元年度(2019年度)>

Ma Y, Kakudo N, Morimoto N, Lai F, Kusumoto K

Fibroblast growth factor-2 stimulates proliferation of human adipose-derived stem cells via Src activation

Plastic Surgery The Meeting 2019, San diego, USA, 2019/09/20

来方えん, 覚道奈津子, 馬園園, 楠本健司

Effect of platelet-rich plasma on the migration of human adipose-derived stem cells

第11回多血小板血漿（PRP）療法研究会, 京都市, 2019/12/22

覚道奈津子, 森本尚樹, 馬園園, 来方えん, 楠本健司

ヒト脂肪幹細胞における PLTMax® Human Platelet Lysate の増殖効果

第11回多血小板血漿（PRP）療法研究会, 京都市, 2019/12/22

覚道奈津子, 森本尚樹, 馬園園, 来方えん, 楠本健司

ヒト脂肪幹細胞における PLTMax®Human Platelet Lysate の増殖効果

第18回日本再生医療学会総会, 神戸市, 2019/03/22

<令和2年度（2020年度）>

覚道奈津子, 来方えん, 楠本健司

PRP 添加による脂肪幹細胞への影響

第29回日本形成外科学会基礎学術集会、横浜市、2020/10/09

楠本健司

PRP 療法の現状と課題

第29回日本形成外科学会基礎学術集会、横浜市、2020/10/09

<特許申請・取得状況>

特記すべき内容なし