

研究成果の刊行に関する一覧表

書籍
該当なし

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 |
|--|--|--------------------------------------|----|----------|------|
| Shimomura K, Moriguchi Y, Kurawaki CD, shikawa H, Nakamura N. | Osteochondral tissue engineering with biphasic scaffold: Current strategies and techniques. | Tissue Eng Part B | 20 | 2291-304 | 2014 |
| Ando W, Kutschke R, Sen A, Nakamura N, Frahm CB, Hart D, A | Clonal analysis of synovial fluid stem cells to characterize and identify stable mesenchymal stromal cell/mesenchymal progenitor cell phenotypes in a porcine model: a cell source with enhanced commitment to the chondrogenic lineage. | Cytotherapy | 16 | 776-88 | 2014 |
| Amano H, Iwashita T, Suzuki T, Mae T, Nakamura N, Sugamoto K, Shinozaki K, Yoshikawa H, Nakata K | Analysis of displacement and deformation of the medial meniscus with a horizontal tear using a three-dimensional computer model. | Knee Surg Sports Traumatol Arthrosc. | 23 | 1153-60 | 2014 |
| Sakai T, Koyanagi M, Nakae N, Kimura Y, Sanada Y, Nakamura N, Nakata K | Evaluation of a new quadriceps strengthening exercise for the prevention of secondary cartilage injury in patients with pcl insufficiency: comparison of tibial movement in prone and sitting positions during the exercise. | Br J Sports Med. | 48 | 656 | 2014 |

| | | | | | |
|--|--|--------------------|-----|----------|------|
| Shimomura K., Moriguchi, Y., Ando, W, Nansai, R., Fujie, H., Hart, D.A., Gobbi, A., Kita, K., Horibe, S., Shino, K., Yoshikawa, H., Nakamura, N. | Osteochondral Repair Using a Scaffold-Free Tissue-Engineered Construct Derived from Synovial Mesenchymal Stem Cells and a Hydroxyapatite-Based Artificial Bone. | Tissue Eng Part A. | P21 | 2291-304 | 2014 |
| Nakamura N., Hui J., Koizumi K., Yasui Y., Nishii T., Lad D., Karnatzikos G, Gobbi A. | Stem Cell Therapy in Cartilage Repair- Culture-free and Cell Culture-based Methods – | Oper Tech Orthop. | O24 | 54-60 | 2014 |
| Kita K, Tanaka Y, Toritsuka Y, Yonetani Y, Kanamoto T, Amano H, Nakamura N, Horibe S. | Patellofemoral chondral status after medial patellofemoral ligament reconstruction using second-look arthroscopy in patients with recurrent patellar dislocation. | J Orthop Sci. | 19 | 925-32 | 2014 |
| Shimomura K, Kanamoto T, Kitata K, Akamine Y, Nakamura N, Mae T, Yoshikawa H, Nakata K. | Cyclic compressive loading on articular tissue of human synovial fibroblasts upregulates prostaglandin E2 via COX-2 production without IL-1 β and TNF- α | Bone Joint Res. | R3 | 280-8 | 2014 |
| Gobbi A, Chaurasia S, Kamatzikos G, Nakamura N. | Matrix-induced Autologous Chondrocyte Implantation versus Multipotent Stem Cells for the Treatment of Large Patellofemoral Chondral Lesions: A Non-randomized Prospective Trial. | Cartilage | 6 | 82-97 | 2014 |
| 中村亮介, 望月翔太, 中村憲正, 藤江裕道. | 間葉系幹細胞由来組織再生材料と人工骨補填材による軟骨修復 | 臨床バイオメカニクス | 35 | 381-385 | 2014 |
| 池谷基志, 大家渓, 鈴木大輔, 小倉孝之, 小山洋一, 杉田憲彦, 中村憲正, 藤江裕道 | 組織再生材料(TEC)/コラーゲン複合体の引張特性 | 臨床バイオメカニクス | 35 | 401-405 | 2014 |
| 谷 優樹, 大家渓, 杉田憲彦, 中村憲正, 藤江裕道 | ナノ周期構造上で作製した幹細胞自己生成組織(scSAT)の引張特性 | 臨床バイオメカニクス | 35 | 407-411 | 2014 |

| | | | | | |
|--|---|--|-------|---------|------|
| Kaneshiro, S., Ebina, K., Shi, K., Higuchi, C., Hirao, M., Okamoto, M., Koizumi, K., Morimoto, T., <u>Yoshikawa, H.</u> , Hashimoto, J | IL-6 negatively regulates osteoblast differentiation through the SHP2/MEK2 and SHP2/Akt2 pathways in vitro. | J Bone Miner Metab. | 32 | 378-392 | 2014 |
| Minegishi, Y., Sakai, Y., Yahara, Y., Akiyama, H., <u>Yoshikawa, H.</u> , Hosokawa, K., Tsumaki, N. | Cyp26b1 within the growth plate regulates bone growth in juvenile mice. | Biochem Biophys Res Commun | 454 | 12-18 | 2014 |
| Okamoto, M., Tanaka, H., Oka, K., Kuroda, Y., Nishimoto, S., Murase, T., <u>Yoshikawa, H.</u> | Methylcobalamin promotes proliferation and migration and inhibits apoptosis of C2C12 cells via the Erk1/2 signaling pathway. | Biochem Biophys Res Commun | 433 | 871-875 | 2014 |
| Hirose, T. et al. | Presence of Neutrophil extracellular traps and Citrullinated histone H3 in the bloodstream of critically ill patients. | PLoS One | 9(11) | e111755 | 2014 |
| Hirose, T. et al. | Effectiveness of a simplified cardiopulmonary resuscitation training program for the non-medical staff of a university hospital | Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine | 22 | 31. | 2014 |
| Yamamoto, K. and Murakami, H. | Model based on skew normal distribution for square contingency tables with ordinal categories | Computational Statistics and Data Analysis | 78 | 135-140 | 2014 |
| Higuchi T, Miyagawa S, Pearson JT, Fukushima S, Saito A, Tsuchimochi H, Sonobe T, Fuji Y, Yagi N, Astroff A, Shirai M, Sawa Y Sawa Y | Functional and Electrical Integration of Induced Pluripotent Stem Cell-Derived Cardiomyocytes in a Myocardial Infarction Rat Heart. | Cell Transplant. | | | 2015 |

| | | | | | |
|--|--|-----------|-------|---------|------|
| Kainuma S, Miyagawa S, Fukushima S, Pearson J, Chen Y, C, Saito A, Harada A, Shiozaki M, Iseoka H, Watabe T, Watabe H, Horitsugi G, Ishibashi M, Ikeda H, Tsuchimochi H, Sonobe T, Fujii Y, Naito H, Umetani K, Shimizu T, Okano T, Kobayashi E, Daimon T, Ueno T, Kuratani T, Toda K, Takakura N, Hatazawa J, Shirai M, Sawa Y. | BNIP3 Plays Crucial Roles in the Differentiation and Maintenance of Epidermal Keratinocyte | Mol Ther. | 23(2) | 374-86 | 2014 |
| Kamata S, Miyagawa S, Fukushima S, Imanishi Y, Saito A, Maeda N, Shimomura I, Sawa Y. | Targeted Delivery of Adipocytes Into the Heart by Induced Adipocyte Cell-Sheet Transplantation Yields Immune Tolerance and Functional Recovery in Autoimmune-Associated Myocarditis in Rats. | Circ J. | 79(1) | 169-79 | 2014 |
| Kawamura T, Miyagawa S, Fukushima S, Yoshida A, Kasahiyama N, Kawamura A, Ito E, Saito A, Maeda A, Eguchi H, Toda K, Lee J, Miyagawa S, Sawa Y. | N-Glycans: Phenotypic Homology and Structural Differences between Myocardial Cells and Induced Pluripotent Stem Cell-Derived Cardiomyocytes. | PLoS One. | 9(10) | e111064 | 2014 |

| | | | | | | | |
|--|--|---|----------------------|-----|---------------|------|--|
| | Uchinaka A, K awaguchi N, M ori S, Hamada Y, Miyagawa S, Saito A, Sawa Y, Matsura N. Tissue Inhibi tor of Metallopr oteinase-1 and - 3 Improves Car diac Function i n an Ischemic Cardiomyopathy Model Rat. | Tissue Inhibitor of Metalloproteinase-1 and -3 Improves Cardiac Function in an Ischemic Cardiomyopathy Model Rat. | Tissue Eng Part A. | P20 | 3073-3084 | 2014 | |
| | Takao Hayakawa, Takashi Aoi, Akihiro Umezawa, Keiya Ozawa, Yoji Sato, Yoshiki Sawa, Akifumi Matsuyama, Shinya Yamana, and Masayuki Yamato. | Study on Ensuring the Quality and Safety of Pharmaceuticals and Medical Devices Derived from the Processing of Autologous Human Somatic Stem Cells. | Regenerative Therapy | | in press | 2015 | |
| | Takao Hayakawa, Takashi Aoi, Akihiro Umezawa, Keiya Ozawa, Yoji Sato, Yoshiki Sawa, Akifumi Matsuyama, Shinya Yamana, and Masayuki Yamato | Study on Ensuring the Quality and Safety of Pharmaceuticals and Medical Devices Derived from the Processing of Allogenic Human Somatic Stem Cells. | Regenerative Therapy | | 2015 in press | 2015 | |
| | Takao Hayakawa, Takashi Aoi, Akihiro Umezawa, Keiya Ozawa, Yoji Sato, Yoshiki Sawa, Akifumi Matsuyama, Shinya Yamana, and Masayuki Yamato. | Study on Ensuring the Quality and Safety of Pharmaceuticals and Medical Devices Derived from Processing of Autologous Human Induced Pluripotent Stem Cell (-Like Cells) | Regenerative Therapy | | 2015 in press | 2015 | |

| | | | | | |
|--|---|----------------------|---------|---------------|------|
| Takao Hayakawa, Takashi Aoi, Akihiro Umezawa, Keiya Ozawa, Yoji Sato, Yoshiki Sawa, Akifumi Matsuyama, Shinya Yamamoto, and Masayuki Yamato. | Study on Ensuring the Quality and Safety of Pharmaceuticals and Medical Devices Derived from Processing of Allogenic Human Induced Pluripotent Stem Cell (-Like Cells). | Regenerative Therapy | | 2015 in press | 2015 |
| Takao Hayakawa, Takashi Aoi, Akihiro Umezawa, Keiya Ozawa, Yoji Sato, Yoshiki Sawa, Akifumi Matsuyama, Shinya Yamamoto, and Masayuki Yamato. | Study on Ensuring the Safety and Quality of Pharmaceuticals and Medical Devices Derived from the Processing of Human Embryonic Stem Cells. | Regenerative Therapy | | 2015 in press | 2015 |
| Moriyama H, Moriyama M, Isshi H, Ishihara S, Okura H, Ichinose A, Ozawa T, Matsuyama A, Hayakawa T. | Role of notch signaling in the maintenance of humanmesenchymal stem cells under hypoxic conditions. | Stem Cells Dev. | 23(18) | 2211-24 | 2014 |
| Moriyama M, Moriyama H, Ueda J, Matsuyama A, Osawa M, Hayakawa T. | BNIP3 plays crucial roles in the differentiation and maintenance of epidermal keratinocytes. | J Invest Dermatol. | 134(6): | 1627-35. | 2014 |
| Takayama K, Kawabata K, Nagamoto Y, Inamura M, Ohashi K, Okuno H, Yamaguchi T, Tashiro K, Sakurai F, Hayakawa T, Okano T, Furue MK, Mizuguchi H. | CCAAT/enhancer binding protein-mediated regulation of TGF β receptor 2 expression determines the hepatoblast fate decision. | Development | 141(1): | 91-100 | 2014 |

| | | | | | |
|--|--|-------------------------------------|-------|---------|------|
| Yagi Y, Kakehi K, Hayakawa T, Suzuki S. | Application of microchip electro phoresis sodium dodecyl sulfate for the evaluation of change of degradation species of therapeutic antibodies in stability testing. | Anal Sci. | 30(4) | 483-8 | 2014 |
| Toshio Morikawa, Kiyofumi Ninomiya, Katsuya Imura, Takahiro Yamaguchi, Yoshinori Akagi, Masayuki Yosikawa, Takao Hayakawa, O사무 Muraoka, | Hepatoprotective triterpenes from traditional Tibetan medicine <i>Potentilla anserina</i> . | Phytochemistry | 102 | 169—181 | 2014 |
| Toshio Morikawa, Yusuke Nakajima, Kiyofumi Ninomiya, Hisashi Matsuda, Souichi Nakashima, Hisako Mikita, Yu Miyashita, Masayuki Yosikawa, Takao Hayakawa, O사무 Muraoka | Dimeric pyrrolidinoindoline-type alkaloids with melanogenesis inhibitory activity in flower buds of <i>Chimonanthus praecox</i> . | J. Nat. Med. | 68 | 539—549 | 2013 |
| Takashi Kanamoto • Yoshinari Tanaka • Yasukazu Yonetani • Keisuke Kita • Hiroshi Amano • Masashi Kusano • Shinji Hirabayashi • Shuji Horibe | Anterior knee symptoms after double-bundle ACL reconstruction with hamstring tendon autografts: an ultrasonographic and power Doppler investigation | Knee Surg Sports Traumatol Arthrosc | | | 2014 |

| | | | | | | |
|---|--|-----------------------|-------|---------|------|--|
| Takashi Kanamoto • Yoshinari Tanaka • Yasukazu Yonetani • Keisuke Kita • Hiroshi Amano • Masashi Kusano • Mie Fukamatsu • Shinji Hirabayashi • Shuji Horibe | Patellar mobility can be reproducibly measured using ultrasound | J Orthopaed Traumatol | 16 | 55-8 | 2014 | |
| Keisuke Kita • Yoshinari Tanaka • Yukiyoshi Toritsuka • Yasukazu Yonetani • Takashi Kanamoto • Hiroshi Amano • Norimasa Nakamura • Shuji Horibe | Patellofemoral chondral status after medial patellofemoral ligament reconstruction using second-look arthroscopy in patients with recurrent patellar dislocation | J Orthop Sci | 19(6) | 925-932 | 2014 | |
| T. Kanamoto, Y. Shiozaki, Y. Tanaka, Y. Yonetani, S. Horibe | The use of MRI in pre-operative evaluation of anterior talofibular ligament in chronic ankle instability | Bone Joint Res E | 3(8) | 241-5 | 2014 | |