01 中里浩一（保健医療学部・教授）

Kotani T, Takegaki J, Takagi R, Nakazato K, Ishii N　Consecutive bouts of electrical stimulation-induced contractions alter ribosome biogenesis in rat skeletal muscle　J Appl Physiol, 2019

Kubo Y, Watanabe K, Nakazato K, Koyama K, Hakkaku T, Kemuriyama S, Suzuki M, Hiranuma K　The Effect of a Previous Strain Injury on Regional Neuromuscular Activation Within the Rectus Femoris　J Hum Kinet, 66, 89-97, 2019

Fink J, Schoenfeld BJ, Hackney AC, Matsumoto M, Maekawa T, Nakazato K, Horie S　Anabolic-androgenic steroids: procurement and administration practices of doping athletes　Phys Sportsmed, 47(1), 10-14, 2019

Saitou K, Tokunaga M, Yoshino D, Sakitani N, Maekawa T, Ryu Y, Nagao M, Nakamoto H, Saito T, Kawanishi N, Suzuki K, Ogata T, Makuuchi M, Takashima A, Sawada K, Kawamura S, Nakazato K, Kouzaki K, Harada I, Ichihara Y, Sawada Y　Local cyclical compression modulates macrophage function in situ and alleviates immobilization-induced muscle atrophy　Clin Sci (Lond), 132(19), 2147-2161, 2018

Tsuchiya Y, Nakazato K, Ochi E　Contralateral repeated bout effect after eccentric exercise on muscular activation Eur J Appl Physiol, 118(9), 1997-2005, 2018

Yoshida Y, Tsutaki A, Tamura Y, Kouzaki K, Sashihara K, Nakashima S, Tagashira M, Tatsumi R, Nakazato K　Dietary apple polyphenols increase skeletal muscle capillaries in Wistar rats　Physiol Rep. 6(18), e13866, 2018

Maekawa T, Ogasawara R, Tsutaki A, Lee K, Nakada S, Nakazato K and Ishii N　Electrically evoked local muscle contractions cause an increase in hippocampal BDNF　Applied Physiology, Nutrition Metabolism, 43(5), 491-496, 2018

Takagi R, Ogasawara R, Takegaki J, Tamura Y, Tsutaki A, Nakazato K and Ishii N　Past Injurious Exercise Attenuates Activation of Primary Calcium-dependent Injury Pathways in Skeletal Muscle during Subsequent Exercise Physiological Report, 2018

Takegaki J, Ogasawara R, Tamura Y, Takagi R, Arihara Y, Tsutaki A, Nakazato K and Ishii N　Repeated bouts of resistance exercise with short recovery periods activates mTOR signaling, but not protein synthesis, in mouse skeletal muscle　Physiological Report, 5(22), pii: e13515, 2017

Fink J, Scoenfeld BJ, Nakazato K　The role of hormones in muscle hypertrophy　The Physician and Sportsmedicine, 46(1), 129-134, 2017

Takagi R, Ogasawara R, Takegaki J, Tsutaki A, Nakazato K and Ishii N　Influence of Past Injurious Exercise on Fiber Type Specific Acute Anabolic Response to Resistance Exercise in Skeletal Muscle　J. of Applied Physiology, 124(1), 16-22, 2017

Koyama K, Nakazato K, Maeda S, Kikuchi N, Matsumoto S and Hiranuma K　Association of COL11A1 4603C/T Polymorphism with Cervical Disc Degeneration in Collegiate Wrestlers　J. of Sports Medicine and Physical Fitness, 2017

Kikuchi N, Tsuchiya Y, Nakazato K, Ishii N, Ochi E　Effects of ACTN3 on the strength and flexibility before and after eccentric contractions　International J. of Sports Medicine, 39(2), 148-153, 2017

Hakkaku T, Nakazato K, Koyama K, Kouzaki K and Hiranuma H　Cervical intervertebral disk degeneration and

low cervical extension independently associated with a history of stinger syndrome　Orthopaedic J. of Sports Medicine, 5(11), 2017

Tomiya S, Kikuchi N and Nakazato K　Moderate intensity cycling exercise after upper-body resistance training interferes with response to muscle hypertrophy but not strength gains　J. of Sports Science and Medicine, 16(3), 391-395, 2017

Ogasawara R, Arihara Y, Takegaki J, Nakazato K, Ishii N　Relationship between exercise volume and muscle protein synthesis in a rat model of resistance exercise　J. of Applied Physiology, 123(4), 710-716, 2017

Kouzaki K, Nakazato K, Mizuno M, Yonechi T, Higo Y, Kubo Y, Kono T and Hiranuma K　Sciatic nerve conductivity is impaired by hamstring strain injuries　International J. of Sports Medicine, 38(11), 803-808, 2017

Kikuchi N and Nakazato K　Low-load bench press and push-up induce similar muscle hypertrophy and strength gain J. of Exercise Science & Fitness, 15(1), 37-42, 2017

Fink J, Schoenfeld BJ, Kikuchi N, Nakazato K　Effects of drop set resistance training on acute stress indicators and long-term muscle hypertrophy and strength　J Sports Med Phys Fitness, S0022-4707.17.06838-4, 2017

Jee H, Ochi E, Sakurai T, Lim JY, Nakazato K and Hatta H　Muscle plasticity related to changes in tubulin and α B-crystallin levels induced by eccentric contraction in rat skeletal muscles　Physiology International, 103(3), 300-309, 2016

Fink J, Kikuchi N, Nakazato K　Effects of rest intervals and training loads on metabolic stress and muscle hypertrophy Clin Physiol Funct Imaging, 38(2), 261-268, 2016

Okamoto T, Kobayashi R, Natsume M, Nakazato K　Habitual cocoa intake reduces arterial stiffness in postmenopausal women regardless of intake frequency: a randomized parallel group study　Clinical Interventions in Aging, 11, 1645-1652, 2016

Fink J, Shoenfeld B, Kikuchi N and Nakazato K　Acute and long-term responses to different rest intervals in low load resistance training　Int J Sports Med, 38(2), 118-124, 2016

Association between ACTN3 R577X polymorphism and trunk flexibility in two different cohorts　Int J Sports Med, doi: 10.1055/s-0042-118649, 2016

Koyama K, Okada T, Nakazato K, Takahashi R, Matsumoto S, Yamamoto Y and Hiramuna K　Asymmetrical and smaller size of trunk muscles in combat sports athletes with lumbar intervertebral disc degeneration　Springer Plus, 2016

Kikuchi N, Fuku, N, Matsumoto R, Matsumoto S, Murakami H, Miyachi M, Nakazato K　The association between MCT1 T1470A polymorphism and power-oriented athletic performance　International J. of Sports Medicine, 38(1), 76-80, 2016

Takagi R, Ogasawara R, Tsutaki A, Nakazato K, Ishii N　Regional adaptation of collagen in skeletal muscle to repeated bouts of strenuous eccentric exercise　Pflugers Archiv - European J. of Physiology, 121(3), 806-810, 2016

Ogasawara R, Fujita S, Hornburger TA, Kitaoka Y, Makanae Y, Nakazato K and Ishii N　The role of mTOR signalling in the regulation of skeletal muscle mass in a rodent model of resistance exercise　Scientific Report, 6, 31142, 2016

Kubo K, Nakazato K, Koyama K, Tahara Y, Funaki A and Hiranuma K　The Relation between Hamstring Strain Injury and Physical Characteristics of Japanese Collegiate Sepak Takraw Players　International J. of Sports Medicine, 37(12), 986-991, 2016

Julius Fink, Naoki Kikuchi, Shou Yoshida, Kentaro Terada and Koichi Nakazato　Impact of high versus low fixed loads and non-linear training loads on muscle hypertrophy, strength and force development　SpringePlus, 2333, DOI:

10.1186/s40064-016-2333-z, 2016

Tsuchiya Y, Yanagimoto K, Nakazato K, Hayamizu K and Ochi E　Eicosapentaenoic and docosahexaenoic acids-rich fish oil supplementation attenuates strength loss and limited joint range of motion after eccentric contractions: a randomized, double-blind, placebo-controlled, parallel-group trial　European J. of Applied Physiology, 116(6), 1179-88, 2016

Mizunoya W, Okamoto S, Miyahara H, Akahoshi M, Suzuki T, Do M, Ohtsubo H, Komiya Y, Qahar M, Waga T, Nakazato K, Ikeuchi Y, Anderson J and Tatsumi R　Fast-to-slow shift of muscle fiber-type composition by dietary apple polyphenols in rats: impact of the low-dose supplementation　Animal Science Journal, 88(3), 489-499, 2016

Karina Kouzaki, Kazunori Nosaka, Eisuke Ochi and Koichi Nakazato　Increases in M-wave latency of biceps brachii after elbow flexor eccentric contractions in women　European J. of Applied Physiology, 116(5), 939-46, 2016

Kouzaki K, Kobayashi M, Nakamura KI, Ohta K, Nakazato K　Repeated bouts of fast eccentric contraction produce sciatic nerve damage in rats　Muscle Nerve, 54(5), 936-942, 2016

Lee K, Ochi E, Song H, Nakazato K　Activation of AMP-activated protein kinase induce expression of FoxO1, FoxO3a, and myostatin after exercise-induced muscle damage　Biochem Biophys Res Commun, 466(3), 289-94, 2015

Makanae Y, Ogasawara R, Sato K, Takamura Y, Matsutani K, Kido K, Shiozawa N, Nakazato K, Fujita S　Acute bout of resistance exercise increases vitamin D receptor protein expression in rat skeletal muscle　Exp Physiol, 10,1113, 2015

Koji Koyama, Koichi Nakazato and Kenji Hiranuma　Etiology and nature of intervertebral disc degeneration and its correlation with low back pain　The J. of Physical Fitness and Sports Medicine, 4(1), 63-72, 2015

Mizunoya W, Miyahara H, Okamoto S, Akahoshi M, Suzuki T, Do MK, Ohtsubo H, Komiya Y, Lan M, Waga T, Iwata A, Nakazato K, Ikeuchi Y, Anderson JE and Tatsumi R　Improvement of Endurance Based on Muscle Fiber-Type Composition by Treatment with Dietary Apple Polyphenols in Rats　PLoS One, 10: e0134303, 2015

Ochi E, Nosaka K, Tsutaki A, Kouzaki K and Nakazato K　Repeated bouts of fast velocity eccentric contractions induce atrophy of gastrocnemius muscle in rats　J Muscle Res Cell Motil, 36, 317-327, 2015

Kikuchi N, Yoshida S, Min SK, Lee K, Sakamaki-Sunaga M, Okamoto T and Nakazato K　The ACTN3 R577X genotype is associated with muscle function in a Japanese population　Appl Physiol Nutr Metab, 40, 316-322, 2015

Koyama K, Nakazato K and Hiranuma K　Etiology and nature of intervertebral disc degeneration and its correlation with low back pain　J. of Physical Fitness and Sports Medicine, 4, 63-72, 2015

Kikuchi N, Nakazato K　Effective utilization of genetic information for athletes and coaches: focus on ACTN3 R577X polymorphism　J Exerc Nutrition Biochem, 19(3), 157-64, 2015

Kikuchi N, Yoshida S and Nakazato K　The effect of high-intensity interval cycling sprints subsequent to arm-curl exercise on upper-body muscle strength and hypertrophy　J Strength Cond Res, 2015

Kikuchi N, Yoshida S, Min S, Lee K, Sunaga M, Okamoto T and Nakazato K　ACTN3 R577X genotype is associated with muscle function in a Japanese population　Applied Physiology, Nutrition, Metabolism, 2014

Ogasawara R, Nakazato K, Sato K, Boppart M and Fujita S　Resistance exercise increases active MMP and β1-integrin protein expression in skeletal muscle　Physiological Reports, 2014

Ogasawara R, Sato K, Matsutani K, Nakazato K, Fujita S　The order of concurrent endurance and resistance exercise modifies mTOR signaling and protein synthesis in rat skeletal muscle　Am J Physiol Endocrinol Metab, 306,

E1155-1162, 2014

Sumi K, Higashi S, Natsume M, Kawahata K and Nakazato K　Temporal changes in ERK phosphorylation are harmonious with 4E-BP1 but not p70S6K during clenbuterol-induced hypertrophy in the rat gastrocnemius Appl Physiol, Nutr, and Metab, 2014

02 岡本孝信（体育学部・教授）

Okamoto T, Kobayashi R, Hashimoto Y, Nosaka K　Changes in arterial stiffness after eccentric versus concentric cycling　Appl Physiol Nutr Metab, 44(5), 533-538, 2019

Okamoto T, Hashimoto Y, Kobayashi R　Effects of interval walking training compared to normal walking training on cognitive function and arterial function in older adults: a randomized controlled trial　Aging Clin Exp Res, 2019

Figueroa A, Okamoto T, Jaime SJ, Fahs CA　Impact of high- and low-intensity resistance training on arterial stiffness and blood pressure in adults across the lifespan: a review　Pflugers Arch, 471(3), 467-478, 2019

Kobayashi R, Hashimoto Y, Hatakeyama H, Okamoto T　Acute effects of repeated bouts of aerobic exercise on arterial stiffness after glucose ingestion　Clin Exp Hypertens, 41(2), 123-129, 2019

Kobayashi R, Hashimoto Y, Okamoto T　Effects of acute footbath before and after glucose ingestion on arterial stiffness　J Clin Biochem Nutr, 64(2), 164-169, 2019

Hashimoto Y, Okamoto T　Acute effects of walking in water on vascular endothelial function and heart rate variability in healthy young men　Clin Exp Hypertens, 24, 1-8, 2018

Okamoto T, Min SK, Sakamaki-Sunaga M　Acute Effect of interval walking on arterial stiffness in healthy young adults　Int J Sports Med, 39(7), 495-501, 2018

Kobayashi R, Hashimoto Y, Hatakeyama H, Okamoto T　Acute effects of aerobic exercise intensity on arterial stiffness after glucose ingestion in young men　Clin Physiol Funct Imaging, 38(1), 138-144, 2018

Kobayashi R, Hatakeyama H, Hashimoto Y, Okamoto T　Acute effects of accumulated aerobic exercise on aortic and peripheral pulse wave velocity in young males　J Phys Ther Sci; 30(1), 181-184, 2018

Okamoto T, Kobayashi R, Sakamaki-Sunaga M　Effect of resistance exercise on arterial stiffness during the follicular and luteal phases of the menstrual cycle　Int J Sports Med, 38(5), 347-352, 2017

Kikuchi N, Zempo H, Fuku N, Murakami H, Sakamaki-Sunaga M, Okamoto T, Nakazato K, Miyachi M　Association between ACTN3 R577X polymorphism and trunk flexibility in 2 different cohorts　Int J Sports Med, 38(5), 402-406, 2017

Kobayashi R, Yoshida S, Okamoto T　Effects of acute aerobic exercise on arterial stiffness before and after glucose ingestion　Int J Sports Med, 38(1), 12-18, 2017

Okamoto T, Kobayashi R, Natsume M, Nakazato K　Habitual cocoa intake reduces arterial stiffness in postmenopausal women regardless of intake frequency: a randomized parallel-group study　Clin Interv Aging, 11, 1645-1652, 2016

Sakamaki-Sunaga M, Min S, Kamemoto K, Okamoto T　Effects of menstrual phase-dependent resistance training frequency on muscular hypertrophy and strength　J Strength Cond Res, 30(6),1727-1734, 2016

Kobayashi R, Yoshida S, Okamoto T　Arterial stiffness after glucose ingestion in exercise-trained versus untrained

men　Appl Physiol Nutr Metab, 40(11), 1151-1156, 2015

Okamoto T, Sakamaki MS, Min SK, Yoshida S, Watanabe Y, Ogasawara R　Repeated Cessation and Resumption of Resistance Training Attenuates Increases in Arterial Stiffness　Int J Sports Med, 36(6), 440-445, 2015

Kikuchi N, Yoshida S, Min SK, Lee K. Sakamaki-Sunaga M, Okamoto T, Nakazato K　ACTN3 R577X genotype is associated with muscle function in a Japanese population　Appl Physiol Nutr Metab, 40(4), 316-322, 2014

三浦隆，岩嵜徹治，岡本孝信　習慣的な弾性ストッキングの着用が動脈スティフネスに与える影響　日本循環器病予防学会誌, 183-192, 2014

Okamoto T, Min S, Sakamaki-Sunaga M　Arterial compliance and stiffness following low-intensity resistance exercise　Eur J Appl Physiol, 235-241, 2014

Okamoto T, Masuhara M, Ikuta K　Acute effects of self-myofascial release using a foam roller on arterial function　J Strength Cond Res, 28(1), 69-73, 2014

03 小林正利（体育学部・教授）

Hwang I, Beppu K, Kobayashi M, Hoshina K, Ueda D　Relationship between Running Race Records and Blood Lactate Concentration after 5000m 10000m and Half-Marathon Races in Japanese Male Collegiate Long-Distance Runners　運動とスポーツの科学, 22, 9-16, 2016

Kouzaki K, Kobayashi M, Nakamura K, Ohta K, Nakazato K　Repeated bouts of fast eccentric contraction produce sciatic nerve damage in rats　Muscle Nerve, 54, 936-942, 2016

石川直，大川昌宏，小林正利，櫻井忠義　競技力向上を目指したメンタルコーチングの導入について―ダブルダッチチームを対象として―　運動とスポーツの科学, 20(1), 85-91, 2014

小林正利，大川昌宏，栗田ひかり，櫻井忠義　養護教諭が意識しているヘルスプロモーターとしての資質・能力　日本体育大学紀要, 44(1), 15-19, 2014

小林正利，太田啓介，東龍平，中村桂一郎　マウス骨格筋組織における骨髄由来細胞の分布　久留米医学会雑誌, 77, 34-44, 2014

04 鈴川一宏（体育学部・教授）

植松雄太，伊藤雅充，三輪康廣，畠田好章，鈴川一宏　エアロビック競技跳躍系動作における難度スコアと選手観の相違　運動とスポーツの科学, 24(2), 87-95, 2019

酒本勝太，鈴川 一宏　ジュニアサッカー選手における実行機能　運動とスポーツの科学, 24(1), 19-24, 2018

Shota Sakamoto, Haruki Takeuchi, Naoki Ihara, Bao Ligao, Kazuhiro Suzukawa　Possible requirement of executive functions for high performance in soccer　PLoS ONE, 13(8), 2018

Takashi Jindo, Naruki Kitano, Kazuhiro Suzukawa, Shota Sakamoto, Shin Osawa, Yuichi Nakahara-Gondoh, Takeru Gushiken, Koki Nagata, Toshiya Nagamatsu　Relationship of athletic sports with sense of coherence and mood

states in male senior high school students: Comparing athletes from a school soccer club and J-League youth teams　BULLETIN OF THE PHYSICAL FITNESS RESEARCH INSTITUTE 116, 1-9, 2018

田丸由紀子，岡本美和子，具志堅武，鈴木菜々，重田唯子，鈴川一宏　母親の養育行動促進のための親子体操による介入効果の検討　運動とスポーツの科学, 23(2), 95-102, 2018

越智英輔，石川和裕，鈴川一宏，三浦孝仁　パワーリフティング選手における筋力トレーニングが動脈コンプライアンスに及ぼす影響：横断及び1年間の縦断研究　運動とスポーツの科学, 23(1), 9-15, 2017

神藤隆志, 鈴川一宏, 甲斐裕子, 北濃成樹, 松原功, 植木貴頼, 小山内弘和, 越智英輔, 青山健太, 永松俊哉　青年期男子における特性的自己効力感と関連するスポーツ活動の特徴　体力研究, 115, 8-14, 2017

鈴木菜々，岡本美和子，重田唯子，鈴川一宏　新任養護教諭が抱える困難とその対処に関する研究　日本体育大学紀要, 46(2), 137-149, 2017

具志堅武，越智英輔，青山健太，鈴川一宏　小学校高学年における運動習慣・睡眠の重要性　運動とスポーツの科学, 21(1), 13-20, 2015

Saki Hamano, Eisuke Ochi, Yosuke Tsuchiya, Erina Muramatsu, Kazuhiro Suzukawa, Shoji Igawa　Relationship between performance test and body composition/physical strength characteristic in sprint canoe and kayak paddlers　Open Access J. of Sports Medicine, 6, 191-199, 2015

有賀玲子，高橋一平，鈴川一宏，関根陽平，和田尚子，高橋和幸，山田睦雄，田中里奈，松坂方士，中路重之　HbA1cと動脈の硬さの関連に関する研究：岩木健康増進プロジェクトでの横断研究と追跡研究　体力・栄養免疫学雑誌, 24(1), 35-43, 2014

松本秀彦，森田恭光，具志堅武，鈴川一宏，越智英輔，山本洋祐　大学女子柔道選手における試合に向けた減量の実態調査　日本スポーツ健康科学雑誌, 1(1), 51-58, 2014

05 野井真吾（体育学部・教授）

Shingo Noi, Akiko Shikano, Naoko Yamada, Ryo Tanaka, Kosuke Tanabe and Hideyuki Tsuji　Effects of change in residence to a mountain village on children's melatonin responses　Biological Rhythm Research, 2019

Akiko Shikano and Shingo Noi　The Characteristics of Higher Brain Function Types as Assessed with a go/no-go Task in Japanese Children　School Health, 15, 2019

野井真吾　日本の子どもの睡眠事情と対策（特集）パワースリープ：健康と体力を高める睡眠　体育の科学, 68(11), 2018

Tanabe K, Nakazato K and Noi S　Effects of prophylactic nap on physical fitness/exercise ability and executive function in healthy young trained males　Biological Rhythm Research, 7, 2018

野井真吾，山田直子，山本晃弘　日本における多様な子どもの健康と健康格差～『子どものからだと心白書』を基に～　子どもと発育発達, 16(3), 161-171, 2018

塙佐敏，野井真吾　休み時間の遊び頻度が休み時間や在校時，1日身体活動量に及ぼす影響―目標歩数達成率と休み時間の身体活動量との関連―　日本幼少児健康教育学会誌, 4, 7-18, 2018

田中良，野井真吾　中学生における生活の循環構造　発育発達研究, 80, 1-8, 2018

野井真吾，鹿野晶子　子どもにおけるメラトニン分泌パタンの予測変数に関する検討　発育発達研究, 80, 9-16, 2018

塙佐敏，野井真吾　小学生の目標身体活動時間確保のための強度別歩数指標の試み　発育発達研究, 78, 13-23, 2018

田中綾帆，野井真吾　中高生のインターネット依存傾向と視機能，睡眠状況，疲労自覚症状との関連　日本幼少児健康教育学会誌, 3, 5-16, 2017

野井真吾　子どもの“からだ”の現状からみる「からだの学習」の重要性　体育科教育学研究, 33(2), 81-88, 2017

野田耕，鹿野晶子，野井真吾　学校の休み時間における子どもの主体的身体活動の生起要因に関する検討：小学3～6年生を対象として　発育発達研究, 75, 1-16, 2017

田中良，鹿野晶子，野井真吾　小中学生における疲労自覚症状の実態とその関連要因の検討　日本幼少児健康教育学会誌, 2, 77-85, 2017

田中綾帆，野井真吾　「ノーメディア」の取り組みが中学生の睡眠状況･疲労自覚症状におよぼす効果検証　発育発達研究, 73, 1-12, 2016

野井真吾，阿部茂明，鹿野晶子，野田耕，中島綾子，下里彩香，松本稜子，張巧鳳，斉建国，唐東輝　子どもの“からだのおかしさ”に関する保育・教育現場の実感：「子どものからだの調査2015」の結果を基に　日本体育大学紀要, 46, 1-19, 2016

久川春菜，野井真吾　集団宿泊活動が小学5年生の身体に及ぼす影響：起床時体温，就床時刻，起床時刻，排便状況を指標として　日本幼少児健康教育学会誌, 2, 15-24, 2016

野井真吾　保育・教育現場等とのコラボレーションからみた発育発達研究の課題　子どもと発育発達, 14(1), 26-32, 2016

鹿野晶子，野井真吾　小学校教員が抱く“気になる子ども”の実感：管理職，教諭，養護教諭の回答をもとに　日本幼少児健康教育学会誌, 1(2), 45-54, 2016

野井真吾　Children's health and physical activity at school: physical activities solutions for Japanese children's "physical disorders"　スポーツ教育学研究, 35(2), 51-55, 2015

野井真吾　免疫力を高める身体活動とは　教育と医学, 63(6), 526-533, 2015

鹿野晶子，鈴木宏哉，野井真吾　小学生における高次神経活動の実態とそれに及ぼす生活状況の検討：go/no-go課題における誤反応数と型判定の結果を基に　発育発達研究, 66, 16-29, 2015

鈴木彩加，野井真吾　発達障害のある高校生の睡眠状況の特徴：非接触型睡眠計測機器を用いて　発育発達研究, 66, 30-37, 2015

野井真吾　いま，子どもの“からだ”はどうなっているか　教育, 829, 15-24, 2015

鹿野晶子，野井真吾　F学校における朝の身体活動が子どもの高次神経活動に及ぼす影響：go/no-go 課題における誤反応数と型判定の結果を基に　運動・健康教育研究, 23(1), 3-11, 2014

忽滑谷祐介，小澤治夫，林田峻也，寺尾保，岡崎勝博，奥薗雄基，野井真吾　血中ヘモグロビン値の高い高校と低い高校の生活習慣との因果関係　東海大学スポーツ医科学雑誌, 26, 79-89, 2014

壱岐昌広，野井真吾　種々の朝活動が子どもの覚醒水準に及ぼす影響：棒反応測定の結果を基に　運動・健康教育研究, 22(1), 15-25, 2014

鹿野晶子，野井真吾　子どもの疲労自覚症状の実態と自律神経機能との関連：自覚症状しらべと寒冷昇圧試験を用いて　発育発達研究, 62, 34-43, 2014

野井真吾，鹿野晶子，内田匡輔　寒冷昇圧試験による血圧反応の性差，学年段階差に関する検討：小学生から高校生を対象として　日本体育大学紀要, 43(2), 37-43, 2014

鹿野晶子，野井真吾，宗田沙緒莉　無侵襲ヘモグロビン測定と生活調査を組み合わせたライフスタイルチェックシステムの実用性とその利用状況　発育発達研究, 62, 66-74, 2014

06 横山順一（体育学部・教授）

沢田かほり，森隆志，植村望，横山順一，川端良介，工藤祐太郎，翠川辰行，井原一成，中路重之　筋肉量と歩行関連能力の関係―岩木プロジェクトの結果より―　体力・栄養・免疫学雑誌, 28(2), 2018

北島洋美，加藤愛美，横山順一　定年退職男性が健康づくりを目的とする地域活動に参加・継続する要因―地域で展開される男性エクササイズクラブの活動からの検討―　日本体育大学紀要, 47(2), 109-119, 2018

横山順一，山田千紘，北島 洋美　障害のある者の教員採用における一考察―障害者の権利に関わる法整備と各教育委員会における教員採用の動向から―　日本体育大学紀要, 46(2), 127-135, 2017

07 岡本美和子（児童スポーツ教育学部・教授）

田丸由紀子，岡本美和子，具志堅武，鈴木菜々，重田唯子，鈴川一宏　母親の養育行動促進のための親子体操による介入効果の検討　運動とスポーツの科学, 23(2), 95-102, 2018

櫻井沙知，岡本美和子，原沢尚子，利岡万里子，吉野英莉花，内藤智子，久保絹子　乳幼児揺さぶられ症候群予防に向けた初産婦への介入プログラムの効果の検討　日本看護学会論文集, 47, 19-22, 2017

鈴木菜々，岡本美和子，重田唯子，鈴川一宏　新任養護教諭が抱える困難とその対処に関する研究　日本体育大学紀要, 46(2), 137-149, 2017

原沢尚子，櫻井沙知，岡本美和子，利岡万里子，内藤智子，久保絹子　“乳幼児揺さぶられ症候群予防プログラム”実践後の初産婦とパートナーの気付きと変化　日本看護学会論文集, 46, 73-76, 2016

岡本美和子　子育て期の女性アスリートへの支援―競技生活との両立に向けて―　臨床スポーツ医学, 32(6), 548-553, 2015

08 須永美歌子（児童スポーツ教育学部・教授）

Okamoto T, Min SK, Sakamaki-Sunaga M　Acute effect of interval walking on arterial stiffness in healthy young adults　International J. of Sports Medicine, 39(7), 195-501, 2018

松田知華，山田満月，須永美歌子　女性アスリートにおける月経周期が短時間高強度運動時の酸化ストレスおよび抗酸化力に及ぼす影響　日本運動生理学雑誌, 26(1), 9-18, 2018

須永美歌子　運動生理学からみた月経周期がコンディションに与える影響―月経周期を考慮した栄養摂取は必要か？―　日本スポーツ栄養研究誌, 11, 3-9, 2018

Okamoto T, Kobayashi R, Sakamaki-Sunaga M　Effect of resistance exercise on arterial stiffness during the follicular and luteal phases　International J. of Sports Medicine, 38(5), 347-352, 2017

Sakamaki-Sunaga M, Min S, Kamemoto K, Okamoto T　Effects of menstrual phase-dependent resistance training frequency on muscular hypertrophy and strength　J. Strength Cond Res. 30(6): 1727-34, 2016

Ayaka Sunami, Hiroshi Tamura, Mikako Sunaga-Sakamaki, Shuichi Kusano, Toshiaki Kodama, Yuki Tada, Azumi

Hida, Yukari Kawano　Odorless garlic supplimentation for two months attenuates exercise-induced increase in interleukin-6: a before and after comparison study　J. Agric. Sci., Tokyo Univ. Agric., 61(1), 31-38, 2016

Kikuchi N, Zempo H, Fuku N, Murakami H, Sakamaki-Sunaga M, Okamoto T, Nakazato K, Miyachi M　Association between ACTN3 R577X polymorphism and trunk flexibility in two different cohorts　International J. of Sports Medicine, 38(5), 402-406, 2016

Okamoto T, Sakamaki MS, Min SK, Yoshida S, Watanabe Y, Ogasawara R　Repeated Cessation and Resumption of Resistance Training Attenuates Increases in Arterial Stiffness　Int J. of Sports Med, 36(6), 440-445, 2015

Kikuchi N, Yoshida S, Min SK, Lee K, Sakamaki-Sunaga M, Okamoto T, Nakazato K　The ACTN3 R577X genotype is associated with muscle function in a Japanese population　Applied Physiology Nutrition and Metabolism, 40(4), 316-322, 2014

Okamoto T, Min S, Sakamaki-Sunaga M　Arterial compliance and stiffness following low-intensity resistance exercise　European J. of Applied Physiology, 114(2), 235-241, 2014

09 平沼憲治（保健医療学部・教授）

Koji Koyama, Koichi Nakazato, Kenji Hiranuma　Etiology and nature of intervertebral disc degeneration and its correlation with low back pain　J Phys Fitness Sports Med, 4(1), 63-72, 2015

高橋仁，中里浩一，小山浩司，青柳徹，櫻井規子，平沼憲治　大学アイスホッケー選手の腰痛と身体特性の関連　運動とスポーツの科学, 20(1), 93-98, 2014

KIHYUK LEE, KARINA KOUZAKI, EISUKE OCHI, KOJI KOBAYASHI, ARATA TUTAKI, KENJI HIRANUMA, KATSUYA KAMI, KOICHI NAKAZATO　Eccentric contractions of gastrocnemius muscle-induced nerve damage in rats　MUSCLE & NERVE, 50(1), 89-94, 2014

10 鹿野晶子（体育学部・准教授）

Shikano A and Noi S　The Characteristics of five higher brain function types as assessed with a go/no-go task in Japanese children　School Health, 15, 1-10, 2019

野井真吾，鹿野晶子　子どもにおけるメラトニン分泌パタンの予測変数に関する検討　発育発達研究, 80, 9-16, 2018

野田耕，鹿野晶子，野井真吾　学校の休み時間における子どもの主体的身体活動の生起要因に関する検討：小学3～6年生を対象として　発育発達研究, 75, 1-16, 2017

田中良，鹿野晶子，野井真吾　小中学生における疲労自覚症状の実態とその関連要因の検討　日本幼少児健康教育学会誌, 2(2), 77-85, 2017

野井真吾，阿部茂明，鹿野晶子，野田耕，中島綾子，下里彩香，松本稜子，張巧鳳，斉建国，唐東輝　子どもの“からだのおかしさ”に関する保育・教育現場の実感：「子どものからだの調査2015」の結果を基に　日

本体育大学紀要, 46(1), 1-19, 2016

鹿野晶子，野井真吾　小学校教員が抱く“気になる子ども”の実感：管理職，教諭，養護教諭の回答をもとに　日本幼少児健康教育学会誌, 1(2), 45-54, 2016

堀内弓子，佐久間博子，鹿野晶子　保育科学生の体育･スポーツに対する意識について―2002年調査と2012年調査の比較から―　横浜女子短期大学研究紀要, 31, 17-29, 2016

佐久間博子，堀内弓子，鹿野晶子　保育科学生における筋力・柔軟性の実態と今後の教育課題　横浜女子短期大学研究紀要, 31, 31-39, 2016

鹿野晶子，鈴木宏哉，野井真吾　小学生における高次神経活動の実態とそれに及ぼす生活状況の検討：go/no-go課題における誤反応数と型判定の結果を基に　発育発達研究, 66, 16-29, 2015

鹿野晶子，野井真吾　F小学校における朝の身体活動が子どもの高次神経活動に及ぼす影響：go/no-go課題における誤反応数と型判定の結果を基に　運動・健康教育研究, 23(1), 3-11, 2014

鹿野晶子，野井真吾　子どもの疲労自覚症状の実態と自律神経機能との関連：自覚症状しらべと寒冷昇圧試験を用いて　発育発達研究, 62, 34-43, 2014

鹿野晶子，野井真吾，宗田沙緒莉，小澤治夫　無侵襲ヘモグロビン測定と生活調査を組み合わせたライフスタイルチェックシステムの実用可能性とその利用状況　発育発達研究, 62, 66-74, 2014

野井真吾，鹿野晶子，内田匡輔　寒冷昇圧試験による血圧反応の性差，学年段階差に関する検討：小学生から高校生を対象として　日本体育大学紀要, 43(2), 37-43, 2014

11 菊池直樹（体育学部・助教）

Kumagai H, Miyamoto-Mikami E, Hirata K, Kikuchi N, Kamiya N, Hoshikawa S, Zempo H, Naito H, Miyamoto N, Fuku N　ESR1 rs2234693 polymorphism is associated with muscle injury and muscle stiffness　Medicine and Science in Sports and Exercise, 51, 19-26, 2019

Eri Miyamoto-Mikami, Hirofumi Zempo, Noriyuki Fuku, Naoki Kikuchi, Motohiko Miyachi, Haruka Murakami Heritability estimates of endurance-related phenotypes: A systematic review and meta-analysis.　Scandinavian J. of Medicine and Science in Sports, 28(3), 834-845, 2018

Yvert T, Zempo H, Gabdrakhmanova LJ, Kikuchi N, Miyamoto-Mikami E, Murakami H, Naito H, Cieszczyk P, Leznicka K, Kostryukova ES, Alexeev DG, Egorova ES, Maciejewska-Skrendo A, Larin AK, Generozov EV, Kulemin NA, Ospanova EA, Pavlenko AV, Sawczuk M, Zmijewski P, Lulinska-Kuklik E, Govorun VM, Miyachi M, Ahmetov I, Fuku N　AGTR2 and sprint/power performance: A case-control replication study for rs11091046 polymorphism in two ethnicities　Biology of Sport, 35(2), 105-109, 2018

Fink J, Kikuchi N, Nakazato K　Effects of rest intervals and training loads on metabolic stress and muscle hypertrophy　Clinical Physiology and Functional Imaging, 38(2), 261-268, 2018

Kikuchi N, Tsuchiya Y, Nakazato K, Ishii N, Ochi E　Effects of ACTN3 on the strength and flexibility before and after eccentric contractions　International J. of Sports Medicine, 39(2), 148-153, 2018

Fink J, Schoenfeld B, Kikuchi N, Nakazato K　Effects of drop set resistance training on acute stress indicators and long-term muscle hypertrophy and strength　J. of Sports Medicine and Physical Fitness, 58(5), 597-605, 2018

菊池直樹　トレーニング効果を規定する遺伝子多型　トレーニング科学, 29, 89-93, 2017

Kikuchi N and Nakazato K　Low-load bench press and push-up induce similar muscle hypertrophy and strength gain J. of Exercise Science & Fitness, 15, 37-42, 2017

Tomiya S, Kikuchi N, Nakazato K　Moderate intensity cycling exercise after upper-body resistance training interferes with response to muscle hypertrophy but not strength gains　J. of Sports Science and Medicine, 16(3), 391-395, 2017

Zempo H, Miyamoto-Mikami E, Kikuchi N, Fuku N, Miyachi M, Murakami H　Heritability estimates of muscle strength-related phenotypes: A systematic review and meta-analysis　Scandinavian Journal of Medicine and Science in Sports, 7(12), 1537-1546, 2017

Fink J, Schoenfeld B, Kikuchi N, Nakazato K　Acute and long-term responses to different rest intervals in low load resistance training　International J. of Sports Medicine, 38, 118-124, 2017

Kikuchi N, Zempo H, Fuku N, Murakami H, Sakamaki M, Okamoto T, Nakazato K, Miyachi M　Association between ACTN3 R577X polymorphism and trunk flexibility in two different cohorts　International J. of Sports Medicine, 38, 402-406, 2017

Kikuchi N, Fuku N, Matsumoto R, Matsumoto S, Murakami H, Miyachi M, Nakazato K　The association between MCT1 T1470A polymorphism and power-oriented athletic performance　International J. of Sports Medicine, 38, 76-80, 2017

Koyama K, Nakazato K, Maeda S, Kikuchi N, Matsumoto S and Hiranuma K　Association of COL11A1 4603C/T Polymorphism with Cervical Disc Degeneration in Collegiate Wrestlers　J. of Sports Medicine and Physical Fitness, 2017

Pitsiladis YP, Tanaka M, Eynon N, Bouchard C, North KN, Williams AG, Collins M, Moran CN, Britton SL, Fuku N, Ashley EA, Klissouras V, Lucia A, Ahmetov II, de Geus E, Alsayrafi M, Athlome Project Consortium（Kikuchi N他154名）　Athlome Project Consortium: a concerted effort to discover genomic and other omic markers of athletic performance　Physiol Genomics, 48(3), 183-190, 2016

Fuku N, Miyamoto-Mikami E, Kikuchi N, Zempo H, Naito H　Does the sports gene affect lifestyle-related diseases Juntendo Medical Journal, 62, 22-28, 2016

Kikuchi N, Yoshida S, Okumura M, Nakazato K　The effect of high-intensity interval cycling sprints subsequent to arm-curl exercise on upper-body muscle strength and hypertrophy　J. of Strength and Conditioning Research, 30(8), 2318-2323, 2016

Hisashi Naito, Noriyuki Fuku, Hirofumi Zempo, Eri Miyamoto-Mikami, Naoki Kikuchi, Haruka Murakami, Motohiko Miyachi　Polymorphism in the CNTF receptor gene is associated with elite japanese endurance athlete status: A case-control study　Juntendo Medical Journal, 62, Suppl.1, 117, 2016

Fink J, Kikuchi N, Yoshida S, Terada K, Nakazato K　Impact of high versus low fixed loads and non-linear training loads on muscle hypertrophy, strength and force developmen　SpringerPlus, 2016

村上晴香，膳法浩史，宮本（三上）恵里，菊池直樹，福典之　運動能力・運動行動の遺伝率　体力科学, 65(3), 2016

Kikuchi N, Yoshida S, Min SK, Lee K, Sakamaki-Sunaga M, Okamoto T, Naokazato K　ACTN3 R577X genotype is associated with muscle function in a Japanese population　Applied Physiology, Nutrition and Metabolism, 40(4), 316-322, 2015

Kikuchi N, Miyamoto-Mikami E, Murakami H, Nakamura T, Min SK, Mizuno M, Naito H,Miyachi M, Nakazato K, Fuku N　ACTN3 R577X genotype and athletic performance in a large cohort of Japanese athletes　European J. of Sports Science, 2015

Tsuchiya Y, Kikuchi N, Shirato M, Ochi E　Differences of activation pattern and damage in elbow flexor muscle after isokinetic eccentric contractions　Isokinetic and Exercise Science, 23(3), 77-82, 2015

Kikuchi N and Nakazato K　Effective utilization of genetic information for athletes and coaches: focus on the ACTN3 R577X polymorphism　J. of Exercise Nutrition and Biochemistry, 19(3), 157-164, 2015

小川拓郎，菊池直樹，鴻崎香里奈，小林幸次，塩島絵未，永友憲治，岸田謙二，西山哲成　ストレングストレーニングの実技講習会による受講者の意識変化　日本体育大学紀要, 45(1), 67-74, 2015

Kikuchi N, Nakazato K, Min SK, Ueda D and Igawa S　The ACTN3 R577X polymorphism is associated with muscle power in male Japanese athletes　J. of Strength and Conditioning Research, 28(7), 1783-9, 2014

12 田村優樹（体育学部・助教）

Yuki Tamura　Heat Shock Response and Metabolism in Skeletal Muscle　Heat Shock Proteins in Signaling Pathways, 2019

田村優樹　温熱刺激による骨格筋ミトコンドリアの適応とその分子機構　日本運動生理学雑誌, 26, 27-32, 2019

Yu Kitaoka, Yuki Tamura, Kenya Takahashi, Kohei Takeda, Tohru Takemasa and Hideo Hatta　Effects of Nrf2 deficiency on mitochondrial oxidative stress in aged skeletal muscle　Physiological Reports, e13998, 2019

Yuki Yoshida, Arata Tsutaki, Yuki Tamura, Karina Kouzaki, Koichi Sashihara, Shohei Nakajima, Motoyuki Tagashira, Ryuichi Tatsumi, Koichi Nakazato　Dietary apple polyphenols increase skeletal muscle capillaries in Wistar rats Physiological Reports, e13866, 2018

Yutaka Matsunaga, Yuki Tamura, Yudai Nonaka, Noriko Saito, Hirohiko Nakamura, Yasuhiro Takeda and Hideo Hatta Comparison between pre-exercise casein peptide and intact casein supplementation on glucose tolerance in mice fed a high-fat diet　Applied Physiology, Nutrition and Metabolism, 43, 355-362, 2018

Ryo Takagi, Riki Ogasawara, Junya Takegaki, Yuki Tamura, Arata Tsutaki, Koichi Nakazato, Naokata Ishii　Past Injurious Exercise Attenuates Activation of Primary Calcium-dependent Injury Pathways in Skeletal Muscle during Subsequent Exercise　Physiological Reports, e13660, 2018

Yuki Tamura, Hideo Hatta　Heat stress induces mitochondrial adaptations in skeletal muscle　The Journal of Physical Fitness and Sports Medicine, 6, 151-158, 2017

Yumiko Takahashi, Yutaka Matsunaga, Yuki Tamura, Shin Terada and Hideo Hatta　Pre-Exercise High-Fat Diet for 3 Days Affects Post-Exercise Skeletal Muscle Glycogen Repletion　Journal of Nutrition and Vitaminology, 63, 323-330, 2017

Junya Takegaki, Riki Ogasawara, Yuki Tamura, Ryo Takagi, Yuki Arihara, Arata Tsutaki, Koichi Nakazato and Naokata Ishii　Repeated bouts of resistance exercise with short recovery periods activates mTOR signaling, but not protein synthesis, in mouse skeletal muscle　Physiological Reports, e13515, 2017

Yuki Tamura, Yutaka Matsunaga, Yu Kitaoka, Hideo Hatta　Effects of heat stress on unfolded protein responses in aged skeletal muscle　The Journal of Gerontology Series A – Biological Science and Medical Science, 72, 299-308, 2017

Yu Kitaoka, Kohei Takeda, Yuki Tamura, Shin Fujimaki, Tohru Takemasa and Hideo Hatta　Nrf2 deficiency does not affect denervation-induced alterations in mitochondrial fission and fusion proteins in skeletal muscle

Physiological Reports, e13064, 2016

Daisuke Hoshino, Susumu Setogawa, Yu Kitaoka, Hiroyuki Masuda, Yuki Tamura, Hideo Hatta, Dai Yanagihara Exercise-induced expression of monocarboxylate transporter 2 in the cerebellum and its contribution to motor performance　Neuroscience Letters, 633, 1-6, 2016

Yumiko Takahashi, Yuki Tamura, Yutaka Matsunaga, Yu Kitaoka, Shin Terada and Hideo Hatta　Effects of Taurine Administration on Carbohydrate Metabolism in Skeletal Muscle during the Post-Exercise Phase　Journal of Nutritional Science and Vitaminology, 62, 257- 264, 2016

Yu Kitaoka, Kohei Takeda, Yuki Tamura and Hideo Hatta　Lactate administration increases mRNA expression of PGC-1*α* and UCP3 in mouse skeletal muscle　Applied Physiology, Nutrition and Metabolism, 41, 695-698, 2016

Yuki Tamura, Yu Kitaoka, Yutaka Matsunaga, Daisuke Hoshino, Hideo Hatta　Daily heat stress rescues denervation-activated mitochondrial clearance and atrophy in skeletal muscle　The Journal of Physiology, 593, 2707- 2720, 2015

田村優樹　温熱刺激の可能性を探る　トレーニング・ジャーナル, 37, 22-30, 2015

Yutaka Matsunaga, Yuki Tamura, Yumiko Takahashi, Hiroyuki Masuda, Daisuke Hoshino, Yu Kitaoka, Noriko Saito, Hirohiko Nakamura, Yasuhiro Takeda and Hideo Hatta　Pre- exercise casein peptide supplementation enhances endurance training-induced mitochondrial enzyme activity in slow twitch muscle, but not fast twitch muscle of high fat diet-fed mice　The Journal of Physical Fitness and Sports Medicine, 4, 377-384, 2015

Yu Kitaoka, Riki Ogasawara, Yuki Tamura, Satoshi Fujita and Hideo Hatta　Effect of electrical stimulation- induced resistance exercise on mitochondrial fission and fusion proteins in rat skeletal muscle　Applied Physiology, Nutrition and Metabolism, 40, 1137-1142, 2015

Daisuke Hoshino, Yuki Tamura, Hiroyuki Masuda, Yutaka Matsunaga and Hideo Hatta　Effects of decreased lactate accumulation after dichloroacetate administration on exercise training-induced mitochondrial adaptations in mouse skeletal muscle　Physiological Reports, e12555, 2015

Yumiko Takahashi, Yutaka Matsunaga, Yuki Tamura, Eiki Urushibata, Shin Terada and Hideo Hatta　Post-exercise taurine administration enhances glycogen repletion in tibialis anterior muscle　The Journal of Physical Fitness and Sports Medicine, 3, 531-537, 2014

Yuki Tamura, Yutaka Matsunaga, Hiroyuki Masuda, Yumiko Takahashi, Yuki Takahashi, Shin Terada, Daisuke Hoshino, Hideo Hatta　Postexercise heat stress additively enhances endurance training-induced mitochondrial adaptations in mouse skeletal muscle　American Journal of Physiology – Regulatory, Integrative, Comparative Physiology, 307, R931-R943, 2014

13 安達瑞保（児童スポーツ教育学部・助教）

成田和穂，安達瑞保，山田保　「日体大アンチ・ドーピングガイドブック」創刊及び改訂の経緯と今後の展望　オリンピックスポーツ文化研究, 2, 75-85, 2017

安達瑞保，船渡和男，関口脩，角屋重樹　栄養管理システムの介入が大学男子ウエイトリフティング選手のコンディショニングに及ぼす影響　運動とスポーツの科学（J. of physical exercise and sports science）, 22, 17-25, 2016

村松愛梨奈，安達瑞保，寺本圭輔，乙木幸道，井川正治　試合調整期における陸上短距離選手のエネルギーバランスと主観的コンディションの検討　人間と生活環境（J. of human and living environment），22(1), 1-7, 2015

14 鴻﨑香里奈（体育研究所・助教）

Yoshida Y, Tsutaki A, Tamura Y, Kouzaki K, Sashihara K, Nakashima S, Tagashira M, Tatsumi R, Nakazato K　Dietary apple polyphenols increase skeletal muscle capillaries in Wistar rats　Physiol Rep. Sep;6(18), 2018

Hakkaku T, Nakazato K, Koyama K, Kouzaki K, Hiranuma K　Cervical intervertebral disc degeneration and low cervical extension independently associated with a history of stinger syndrome　Orthop J Sports Med, 5(11), 2017

Kouzaki K, Nakazato K, Mizuno M, Yonechi T, Higo Y, Kubo Y, Kono T and Hiranuma K　Sciatic nerve conductivity is impaired by hamstring strain injuries　Int J Sports Med, 38, 803-808, 2017

Kouzaki K, Kobayashi M, Nakamura KI, Ohta K and Nakazato K　Repeated bouts of fast eccentric contraction produce sciatic nerve damage in rats　Muscle Nerve, 54, 936-942, 2016

Kouzaki K, Nosaka K, Ochi E and Nakazato K　Increases in M-wave latency of biceps brachii after elbow flexor eccentric contractions in women　Eur J Appl Physiol, 116, 939-946, 2016

Ochi E, Nosaka K, Tsutaki A, Kouzaki K, Nakazato K　Repeated bouts of fast velocity eccentric contractions induce atrophy of gastrocnemius muscle in rats　J. of Muscle Research and Cell Motility, 36(4-5), 317-27, 2015

Lee K, Kouzaki K, Ochi E, Kobayashi K, Tsutaki A, Hiranuma K, Kami K, Nakazato K　Eccentric contractions of gastrocnemius muscle-induced nerve damage in rats　Muscle Nerve, 50(1), 87-94, 2014