01 中里浩一（保健医療学部・教授）

Kuwaba K, Kusubata M, Taga Y, Igarashi H, Nakazato K, Mizuno K. Dietary collagen peptides alleviate exerciseinduced muscle soreness in healthy middle-aged males: a randomized double-blinded crossover clinical trial. J Int Soc Sports Nutr. 2023 20(1):276-95.

Nihei S, Ogawa M, Hashimoto Y, Kikuchi N, Nakazato K, Okamoto T. Arterial stiffness and physical fitness on cognitive function in community-dwelling middle-aged and older adults. Aging Clin Exp Res. 2023 Sep;35(9): 1845-1854.

Homma H, Saito M, Mochizuki Y, Shinogi M, Kobatake Y, Okamoto T, Nishiyama T, Nakazato K, Kikuchi N. Association between MCT1 T1470A polymorphism and athlete status in Japanese power-oriented athletes. Gazzetta Medica Ital. Arch. per le Sci. Mediche. 2023 182(1-2):43-8.

Mitsuya H, Nakazato K, Hakkaku T, Okada T. Hip flexion angle affects longitudinal muscle activity of the rectus femoris in leg extension exercise. Eur J Appl Physiol. 2023 Jun;123(6):1299-1309.

Kikuchi N, Ohta T, Hashimoto Y, Mochizuki Y, Saito M, Kozuma A, Deguchi M, Inoguchi T, Shinogi M, Homma H, Ogawa M, Nakazato K, Okamoto T. Effect of Online Home-Based Resistance Exercise Training on Physical Fitness, Depression, Stress, and Well-Being in Middle-Aged Persons: A Pilot Study. Int J Environ Res Public Health. 2023 Jan 18;20(3):1769.

Uno H, Kamiya S, Akimoto R, Hosoki K, Tadano S, Kouzaki K, Tamura Y, Kotani T, Isemura M, Nakazato K. Low-frequency electrical stimulation of bilateral hind legs by belt electrodes is effective for preventing denervation-induced atrophies in multiple skeletal muscle groups in rats. Sci Rep. 2022 Dec 8;12(1):21275.

Homma H, Saito M, Saito A, Kozuma A, Matsumoto R, Matsumoto S, Kobatake N, Okamoto T, Nakazato K, Nishiyama T, Kikuchi N. The Association between Total Genotype Score and Athletic Performance in Weightlifters. Genes (Basel). 2022 Nov 10;13(11):2091.

De Almeida KY, Saito M, Homma H, Mochizuki Y, Saito A, Deguchi M, Kozuma A, Okamoto T, Nakazato K, Kikuchi N. ALDH2 gene polymorphism is associated with fitness in the elderly Japanese population. J Physiol Anthropol. 2022 Nov 5;41(1):38.

Koyama K, Nakazato K, Kubo Y, Gushiken K, Hatakeda Y, Seo K, Nakase T, Hiranuma K. Effects of Competition Level on the Prevalence and Incidence of Lumbar Disk Degeneration in Japanese Collegiate Gymnasts. Orthop J Sports Med. 2022 Nov 15;10(11):23259671221119439.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Genetic profile of sports climbing athletes from three different ethnicities. Biol Sport. 2022 Oct;39(4):913-919.

Saito A, Saito M, Almeida KY, Homma H, Deguchi M, Kozuma A, Kobatake N, Okamoto T, Nakazato K, Kikuchi N. The Association between the ALDH2 rs671 Polymorphism and Athletic Performance in Japanese Power and Strength Athletes. Genes (Basel). 2022 Sep 27;13(10):1735.

Mano Y, Tsukamoto M, Wang KY, Nabeshima T, Kosugi K, Tajima T, Yamanaka Y, Suzuki H, Kawasaki M, Nakamura E, Zhou Q, Azuma K, Nakashima T, Tamura Y, Kozaki K, Nakazato K, Li YS, Kawai K, Yatera K, Sakai A. Oxidative

stress causes muscle structural alterations via p38 MAPK signaling in COPD mouse model. J Bone Miner Metab. 2022 Nov;40(6):927-939.

Kotani T, Tamura Y, Kouzaki K, Kato H, Isemura M, Nakazato K. Percutaneous electrical stimulation-induced muscle contraction prevents the decrease in ribosome RNA and ribosome protein during pelvic hindlimb suspension. J Appl Physiol (1985). 2022 Oct 1;133(4):822-833.

Terada K, Kikuchi N, Burt D, Voisin S, Nakazato K. Low-Load Resistance Training to Volitional Failure Induces Muscle Hypertrophy Similar to Volume-Matched, Velocity Fatigue. J Strength Cond Res. 2022 Jun 1;36(6):1576-1581.

Jee E, Tamura Y, Kouzaki K, Kotani T, Nakazato K. Effect of different types of muscle activity on the gene and protein expression of ALDH family members in C57BL/6J mouse skeletal muscle. Appl Physiol Nutr Metab. 2022 Apr 19.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Is COL1A1 Gene rs1107946 Polymorphism Associated with Sport Climbing Status and Flexibility? Genes (Basel). 2022 Feb 23;13(3):403.

Kasai A, Jee E, Tamura Y, Kouzaki K, Kotani T, Nakazato K.　Aldehyde dehydrogenase 2 deficiency promotes skeletal muscle atrophy in aged mice. Am J Physiol Regul Integr Comp Physiol. 2022 Jun 1;322(6):R511-R525.

Kikuchi N, Tajima T, Tamura Y, Yamanaka Y, Menuki K, Okamoto T, Sakamaki-Sunaga M, Sakai A, Hiranuma K, Nakazato K. The ALDH2 rs671 polymorphism is associated with athletic status and muscle strength in a Japanese population. Biol Sport. 2022 Mar;39(2):429-434.

Kikuchi N, Moreland E, Homma H, Semenova EA, Saito M, Larin AK, Kobatake N, Yusupov RA, Okamoto T, Nakazato K, Williams AG, Generozov EV, Ahmetov II.　Genes and Weightlifting Performance. Genes (Basel). 2021 Dec 23;13(1):25.

Kubo Y, Watanabe K, Nakazato K, Koyama K, Hiranuma K. Central Tendon Injury Impairs Regional Neuromuscular Activation of the Rectus Femoris Muscle. Sports (Basel). 2021 Oct 27;9(11):150.

Kikuchi N, Mochizuki Y, Kozuma A, Inoguchi T, Saito M, Deguchi M, Homma H, Ogawa M, Hashimoto Y, Nakazato K, Okamoto T. The Effect of Online Low-intensity Exercise Training on Fitness and Cardiovascular Parameters. Int J Sports Med. 2022 May;43(5):418-426.

Takegaki J, Ogasawara R, Kouzaki K, Fujita S, Nakazato K, Ishii N. The distribution of eukaryotic initiation factor 4E after bouts of resistance exercise is altered by shortening of recovery periods. J Physiol Sci. 2020 Nov 4;70(1):54.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. The effect of repeated bouts of electrical stimulation-induced muscle contractions on proteolytic signaling in rat skeletal muscle. Physiol Rep. 2021 May;9(9):e14842.

Saito M, Ginszt M, Massidda M, Cięszczyk P, Okamoto T, Majcher P, Nakazato K, Kikuchi N. Association between MCT1 T1470A polymorphism and climbing status in Polish and Japanese climbers. Biol Sport. 2021 Jun;38(2):229-234.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. Repeated bouts of resistance exercise in rats alter mechanistic target of rapamycin complex 1 activity and ribosomal capacity but not muscle protein synthesis. Exp Physiol. 2021 Sep;106(9):1950-1960.

Ochi E, Ueda H, Tsuchiya Y, Nakazato K. Eccentric exercise causes delayed sensory nerve conduction velocity but no repeated bout effect in the flexor pollicis brevis muscles. Eur J Appl Physiol. 2021 Nov;121(11):3069-3081.
Kikuchi N, Mochizuki Y, Kozuma A, Inoguchi T, Saito M, Deguchi M, Homma H, Ogawa M, Hashimoto Y, Nakazato K, Okamoto T. The Effect of Online Low-intensity Exercise Training on Fitness and Cardiovascular Parameters. Int J Sports Med. 2022 May;43(5):418-426.

Mori T, Ato S, Knudsen JR, Henriquez-Olguin C, Li Z, Wakabayashi K, Suginohara T, Higashida K, Tamura Y, Nakazato K, Jensen TE, Ogasawara R. c-Myc overexpression increases ribosome biogenesis and protein synthesis independent of mTORC1 activation in mouse skeletal muscle. Am J Physiol Endocrinol Metab. 2021 Oct 1;321(4):E551-E559.

Tamura Y, Jee E, Kouzaki K, Kotani T, Nakazato K. Effects of endurance training on the expression of host proteins involved in SARS-CoV-2 cell entry in C57BL/6J mouse. Physiol Rep. 2021 Sep;9(17):e15014.

Sumi K, Munakata K, Konno S, Ashida K, Nakazato K. Inorganic Iron Supplementation Rescues Hematological Insufficiency Even Under Intense Exercise Training in a Mouse Model of Iron Deficiency with Anemia. Biol Trace Elem Res. 2021 Aug;199(8):2945-2960.

Tamura Y, Kouzaki K, Kotani T, Nakazato K. Electrically stimulated contractile activity-induced transcriptomic responses and metabolic remodeling in C2C12 myotubes: twitch vs. tetanic contractions. Am J Physiol Cell Physiol. 2020 Dec 1;319(6):C1029-C1044.

Sumi K, Osada K, Sakuda M, Ashida K, Nakazato K. Fermented milk retains beneficial effects on skeletal muscle protein anabolism after processing by centrifugation and supernatant removal. J Dairy Sci. 2021 Feb;104(2):1336-1350.

Fink J, Schoenfeld BJ, Sakamaki-Sunaga M, Nakazato K. Physiological Responses to Agonist–Antagonist Superset Resistance Training. Journal of Science in Sport and Exercise. 2021 3:355-363.

Okada T, Hakkaku T, Iwai K, Nakazato K. Weight Category-dependent Trunk Muscle Strength and its Relation with LBP in Elite Judokas. Sports Med Int Open. 2020 Dec 16;5(1):E14-E21.

Homma H, Kobatake N, Sekimoto Y, Saito M, Mochizuki Y, Okamoto T, Nakazato K, Nishiyama T, Kikuchi N. Ciliary Neurotrophic Factor Receptor rs41274853 Polymorphism Is Associated With Weightlifting Performance in Japanese Weightlifters. J Strength Cond Res. 2020 Nov;34(11):3037-3041.

Okamoto T, Hashimoto Y, Kobayashi R, Nakazato K, Willems MET. Effects of blackcurrant extract on arterial functions in older adults: A randomized, double-blind, placebo-controlled, crossover trial. Clin Exp Hypertens. 2020 Oct 2;42(7):640-647.

Sumi K, Ashida K, Nakazato K. Repeated stretch-shortening contraction of the triceps surae attenuates muscle atrophy and liver dysfunction in a rat model of inflammation. Exp Physiol. 2020 Jul;105(7):1111-1123.

Wakabayashi Y, Tamura Y, Kouzaki K, Kikuchi N, Hiranuma K, Menuki K, Tajima T, Yamanaka Y, Sakai A, Nakayama KI, Kawamoto T, Kitagawa K, Nakazato K. Acetaldehyde dehydrogenase 2 deficiency increases mitochondrial reactive oxygen species emission and induces mitochondrial protease Omi/HtrA2 in skeletal muscle. Am J Physiol Regul Integr Comp Physiol. 2020 Apr 1;318(4):R677-R690.

Tamura Y, Tomiya S, Takegaki J, Kouzaki K, Tsutaki A, Nakazato K. Apple polyphenols induce browning of white adipose tissue. J Nutr Biochem. 2020 Mar;77:108299.

Ochi E, Ueda H, Tsuchiya Y, Kouzaki K, Nakazato K. Eccentric contraction-induced muscle damage in human flexor pollicis brevis is accompanied by impairment of motor nerve. Scand J Med Sci Sports. 2020 Mar;30(3):462-471.

Sumi K, Ashida K, Nakazato K. Resistance exercise with anti-inflammatory foods attenuates skeletal muscle atrophy induced by chronic inflammation. J Appl Physiol (1985). 2020 Jan 1;128(1):197-211.

Tomiya S, Tamura Y, Kouzaki K, Kotani T, Wakabayashi Y, Noda M, Nakazato K. Cast immobilization of hindlimb upregulates sarcolipin expression in atrophied skeletal muscles and increases thermogenesis in C57BL/6J mice. Am J Physiol Regul Integr Comp Physiol. 2019 Nov 1;317(5):R649-R661.

Takegaki J, Ogasawara R, Kotani T, Tamura Y, Takagi R, Nakazato K, Ishii N. Influence of shortened recovery

between resistance exercise sessions on muscle-hypertrophic effect in rat skeletal muscle. Physiol Rep. 2019 Aug;7(13):e14155.

Ato S, Tsushima D, Isono Y, Suginohara T, Maruyama Y, Nakazato K, Ogasawara R. The Effect of Changing the Contraction Mode During Resistance Training on mTORC1 Signaling and Muscle Protein Synthesis. Front Physiol. 2019 Apr 18;10:406.

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 (1985). 2019 Jun 1;126(6):1673-1680.

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. 2019 Mar 27;66:89-97.

02 大石健二（体育学部・教授）

大石 健二, 五次 ほのか, 辻 昇一. 関東大学女子ハンドボールリーグにおけるスコア分析を用いた戦術と順位. 日本体育大学紀要. 2022 52:1019-1030.

Sone R, Nemoto K, Goji H, Ohishi K. Jump performance and salivary secretory immunoglobulin A in female volleyballers. Hum Perform Meas. 2022 19:1-8.

岩原 文彦, 大石 健二, 和田 匡史. 5kmオープンウォータースイミングのコーチングにおけるトレーニング強度及びストローク指標の検討. 運動とスポーツの科学. 2022 28(1): 51-59.

Sone R, Nakazawa S, Ohishi K. Efficacy of mineral-rich antioxidant supplements on oxidative stress markers and exercise performance. Gazzetta Medica Ital. Arch. per le Sci. Mediche. 2022 181(5):295-302.

Sone R, Yamamoto K, Ohishi K. Effect of pre-season training camp on oral immune functions in elite collegiate volleyball players. J Phys Fitness Sports Med. 2021 10(1):39-44.

山口 雄大, 渡邊 航平, 大石 健二, 福田 渉, 西山 哲成. ペダリング運動における踏み込み局面の膝関節屈曲モーメントは負の有効踏力を減少させる. 体育学研究. 2020 65:747-756.

Asai T, Abe D, Doi H, Tanaka C, Ohishi K, Maeda H, Wada T, Takahashi Y, Nakahata Y, Shinohara K. Characteristics of the BDNF Val66Met polymorphism in competitive swimmers and judo athletes. Acta Med Nagasaki. 2020 64(1):23-29.

中澤 翔, 大石 健二, 山口 雄大, 菊池 直樹, 槇野 陽介, 塩島 絵未, 堀 彩夏, 池田 祐介, 大本 洋嗣, 西山 哲成. 国内大学自転車競技選手における1kmタイムトライアルの競技記録とラップタイムの関係―250mトラックでのレース分析―. レーニング科学. 2020 32(1):9-17.

藤岩 秀樹, 大石 健二. サッカーゲームにおける得点傾向の分析（第二報）. 尾道市立大学経済情報論集. 2019 19(1):59-70.

大石 健二. 幼児を対象とした室内における運動プログラム実施時の身体活動強度と身体活動時間. 運動とスポーツの科学. 2019 24(2):97-106.

03 岡田　隆（体育学部・教授）

Suzuki K, Okada T, Hakkaku T, Katz-Leurer M, Dvir Z. The dynamic control ratio and its equilibrium point: A preliminary study of isokinetic fatiguing internal-external rotational effort of the shoulder joint in healthy subjects. J Electromyogr Kinesiol. 2023 Jun;70:102767.

Mitsuya H, Nakazato K, Hakkaku T, Okada T. Hip flexion angle affects longitudinal muscle activity of the rectus femoris in leg extension exercise. Eur J Appl Physiol. 2023 Jun;123(6):1299-1309.

Monma T, Matsui T, Inoue K, Masuchi K, Okada T, Tamura M, Ishii T, Satoh M, Tokuyama K, Takeda F. Prevalence and risk factors of poor subjective sleep quality in elite judo athletes. Sleep Biol Rhythm. 2023 21:289-297.

Okada T, Hakkaku T, Iwai K, Nakazato K. The association of lower trunk muscle strength with low back pain in elite lightweight judokas is dependent on lumber spine abnormalities. Isokinet Exerc Sci. 2022 30(2):177-186.

樗木 武治，久保 潤二郎，岡田 隆，酒井 達郎. 大学柔道選手の競技力と筋厚および身体組成の関係: 階級別による検討. 四国体育・スポーツ学研究. 2022 9:1-8.

Okada T, Hakkaku T, Iwai K, Nakazato K. Weight Category-dependent Trunk Muscle Strength and its Relation with LBP in Elite Judokas. Sports Med Int Open. 2020 Dec 16;5(1):E14-E21.

04 岡本孝信（体育学部・教授）

Deguchi M, Homma H, de Almeida KY, Kozuma A, Saito M, Tsuchiya Y, Kouzaki K, Ochi E, Okamoto T, Nakazato K, Kikuchi N. Association of MMP3 gene polymorphism and sex on recovery of muscle strength after eccentric exercise. J Appl Physiol (1985). 2023 Sep 1;135(3):527-533.

Ogawa M, Hashimoto Y, Mochizuki Y, Inoguchi T, Kouzuma A, Deguchi M, Saito M, Homma H, Kikuchi N, Okamoto T. Effects of free weight and body mass-based resistance training on thigh muscle size, strength and intramuscular fat in healthy young and middle-aged individuals. Exp Physiol. 2023 Jul;108(7):975-985.

Hashimoto Y, Okamoto T. Peripheral Arterial Stiffness is Associated with Maximal Oxygen Uptake in Athletes. Int J Sports Med. 2023 Jul;44(9):634-641.

Nihei S, Ogawa M, Hashimoto Y, Kikuchi N, Nakazato K, Okamoto T. Arterial stiffness and physical fitness on cognitive function in community-dwelling middle-aged and older adults. Aging Clin Exp Res. 2023 Jun; Epub ahead of print.

Homma H, Saito M, Mochizuki Y, Shinogi M, Kobatake Y, Okamoto T, Nishiyama T, Nakazato K, Kikuchi N. Association between MCT1 T1470A polymorphism and athlete status in Japanese power-oriented athletes. Gazzetta Medica Ital. Arch. per le Sci. Mediche. 2023 January-February;182(1-2):43-8

Ohta T, Ogawa M, Kikuchi N, Sasai H, Okamoto T. Adherence to 24-h Movement Guidelines and Depressive Status During the Coronavirus Disease Outbreak: A Cross-Sectional Japanese Survey. Int J Public Health. 2023 Feb 24;68:1604647.

Kikuchi N, Ohta T, Hashimoto Y, Mochizuki Y, Saito M, Kozuma A, Deguchi M, Inoguchi T, Shinogi M, Homma H, Ogawa M, Nakazato K, Okamoto T. Effect of Online Home-Based Resistance Exercise Training on Physical Fitness, Depression, Stress, and Well-Being in Middle-Aged Persons: A Pilot Study. Int J Environ Res Public

Health. 2023 Jan 18;20(3):1769.

Homma H, Saito M, Saito A, Kozuma A, Matsumoto R, Matsumoto S, Kobatake N, Okamoto T, Nakazato K, Nishiyama T, Kikuchi N. The Association between Total Genotype Score and Athletic Performance in Weightlifters. Genes (Basel). 2022 Nov 10;13(11):2091.

De Almeida KY, Saito M, Homma H, Mochizuki Y, Saito A, Deguchi M, Kozuma A, Okamoto T, Nakazato K, Kikuchi N. ALDH2 gene polymorphism is associated with fitness in the elderly Japanese population. J Physiol Anthropol. 2022 Nov 5;41(1):38.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Genetic profile of sports climbing athletes from three different ethnicities. Biol Sport. 2022 Oct;39(4):913-919.

Saito A, Saito M, Almeida KY, Homma H, Deguchi M, Kozuma A, Kobatake N, Okamoto T, Nakazato K, Kikuchi N. The Association between the ALDH2 rs671 Polymorphism and Athletic Performance in Japanese Power and Strength Athletes. Genes (Basel). 2022 Sep 27;13(10):1735.

Okamoto T, Hashimoto Y. Decreases in Arterial Stiffness and Wave Reflection after Isometric Handgrip Training Are Associated with Improvements in Cognitive Function in Older Adults. Int J Environ Res Public Health. 2022 Aug 4;19(15):9585.

OhtaT, Nagashima J, Sasai H, Kikuchi N, Nakazato K, Okamoto T. Sport Program Service study and Setagaya-Aoba study. J Phys Fit Sports Med. 2022 11(3); 127-136.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Is COL1A1 Gene rs1107946 Polymorphism Associated with Sport Climbing Status and Flexibility? Genes (Basel). 2022 Feb 23;13(3):403.

Ogawa M, Hashimoto Y, Kikuchi N, Okamoto T. Relationship between Vascular Structure and Function and Thigh Muscle Composition in Normal-Weight Middle-Aged and Older Men. Int J Gerontol. 2022 16(3):271-276.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Genetic profile of sports climbing athletes from three different ethnicities. Biol Sport. 2022 Oct;39(4):913-919.

Kikuchi N, Mochizuki Y, Kozuma A, Inoguchi T, Saito M, Deguchi M, Homma H, Ogawa M, Hashimoto Y, Nakazato K, Okamoto T. The Effect of Online Low-intensity Exercise Training on Fitness and Cardiovascular Parameters. Int J Sports Med. 2022 May;43(5):418-426.

Kikuchi N, Tajima T, Tamura Y, Yamanaka Y, Menuki K, Okamoto T, Sakamaki-Sunaga M, Sakai A, Hiranuma K, Nakazato K. The ALDH2 rs671 polymorphism is associated with athletic status and muscle strength in a Japanese population. Biol Sport. 2022 Mar;39(2):429-434.

Kikuchi N, Moreland E, Homma H, Semenova EA, Saito M, Larin AK, Kobatake N, Yusupov RA, Okamoto T, Nakazato K, Williams AG, Generozov EV, Ahmetov II. Genes and Weightlifting Performance. Genes (Basel). 2021 Dec 23;13(1):25.

Okamoto T, Hashimoto Y, Ogawa M. Central Haemodynamics Are Associated With Pulmonary Function in Postmenopausal Women. Heart Lung Circ. 2021 Nov;30(11):1778-1784.

Okamoto T, Kobayashi R, Hashimoto Y, Kikuchi N, Ogoh S. Is individual day-to-day variation of arterial stiffness associated with variation of maximal aerobic performance? BMC Sports Sci Med Rehabil. 2021 Jan 9;13(1):4.

Hashimoto Y, Okamoto T. Arterial Stiffness and Left Ventricular Diastolic Function in Endurance Athletes. Int J Sports

Med. 2021 Jun;42(6):497-505.

Saito M, Ginszt M, Massidda M, Cięszczyk P, Okamoto T, Majcher P, Nakazato K, Kikuchi N. Association between MCT1 T1470A polymorphism and climbing status in Polish and Japanese climbers. Biol Sport. 2021 Jun;38(2):229-234.

Homma H, Kobatake N, Sekimoto Y, Saito M, Mochizuki Y, Okamoto T, Nakazato K, Nishiyama T, Kikuchi N. Ciliary Neurotrophic Factor Receptor rs41274853 Polymorphism Is Associated With Weightlifting Performance in Japanese Weightlifters. J Strength Cond Res. 2020 Nov;34(11):3037-3041.

Okamoto T, Hashimoto Y, Kobayashi R, Nakazato K, Willems MET. Effects of blackcurrant extract on arterial functions in older adults: A randomized, double-blind, placebo-controlled, crossover trial. Clin Exp Hypertens. 2020 Oct 2;42(7):640-647.

Okamoto T, Hashimoto Y, Kobayashi R. Isometric handgrip training reduces blood pressure and wave reflections in East Asian, non-medicated, middle-aged and older adults: a randomized control trial. Aging Clin Exp Res. 2020 Aug;32(8):1485-1491.

Kim E, Okamoto T, Song J, Lee K. The acute effects of different frequencies of whole-body vibration on arterial stiffness. Clin Exp Hypertens. 2020 May 18;42(4):345-351.

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 Oct;31(10):1451-1459.

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. 2019;41(5):452-459.

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

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. 2019 Mar;471(3):467-478.

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

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. 2019;41(2):123-129.

05 小林正利（体育学部・教授）

梶 規子, 関口 遵, 小林 正利, 入江 一憲. 大学アメリカンフットボール部における安全確保の取り組みについて：メディカルスタッフを中心とした安全管理体制の構築. スポーツ危機管理研究. 2022 4:11-21.

福地 かおり, 鈴川 一宏, 小林 正利, 具志堅 武, 永田 康喜, 重田 唯子, 小木曽 洋介, 藤原 紗音, 髙木 祐介. 喘息体質の有無による小学校高学年児童の体力指標の特性に関する一考察. 奈良教育大学紀要. 2022 69(1):139-144.

黄 仁官, 小林 哲郎, 別府 健至, 小林 正利. 女性アスリートにおける低骨密度のリスクファクターとビタミンD受容体遺伝子多型との関連性. 運動とスポーツの科学. 2020 25(2):49-59.

06 杉田正明（体育学部・教授）

笹田 夏実, 杉田 正明. 女子体操選手のアンケート調査からみた競技キャリア, 練習状況およびスポーツ傷害の実態と育成期における課題の抽出について. トレーニング科学. 2023 35(3):287-295.

温水 鴻介, 石井 健人, 杉田正明. 日本の女子プロサッカー選手12名におけるゲーム中の運動強度およびランニングパフォーマンスに関する研究. トレーニング科学. 2023 35(3):319-327.

西川 功征, 増田 隆昌, 石川 大仁, 永山 千尋, 積志 保子, 堀田 拓哉, 大滝 尋美, 荒木 雄介, 渡辺 陽介, 河村 亜希, 杉田 正明. バナナ継続摂取がアスリートの運動パフォーマンスおよび疲労に及ぼす影響―ランダム化単盲検クロスオーバー試験―. トレーニング科学. 2023 35(3):329-337.

Kawamura A, Sugita M. Perilla Oil, An Omega-3 Unsaturated Fatty Acid-Rich Oil, Enhances Diversity of Gut Microbiota and May Relieve Constipation in Sedentary Healthy Female: A Nonrandomized Placebo-Controlled Pilot Study. Dietetics. 2023 2(2):191-202.

橋本 峻, 大森 由理, 谷口 耕輔, 杉田 正明. Core Controlを用いた運動前の手掌冷却が暑熱環境下一定負荷運動時の生理応答に及ぼす影響. トレーニング科学. 2023 35(2):215-223.

石井 健人, 温水 鴻介, 杉田 正明. 心拍数とゲーム分析結果からみた大学女子アイスホッケーの競技特性. トレーニング科学. 2023 35(2):237-244.

Takahashi M, Bando Y, Fukui T, Maruyama A, Sugita M. Straight Jump Landing Position of Trampoline Gymnasts with Stable Occlusal Balance Reflects Standing Postural Control Function. Appl Sci. 2023 13(11):6689,

Takahashi M, Bando Y, Fukui T, Maruyama A, Sugita M. Influence of Occlusion on Flight Time in Trampoline Competition. International Journal of Dentistry and Oral Health. 9(1).

谷口 耕輔, 平山 満敬, 杉田 正明. 飛騨御嶽高原高地トレーニングエリアにおける医・科学サポート（寄稿）. Strength & conditioning journal. 2023 30(3):13-22.

中澤 翔, 崎田 嘉寛, 上野 弘聖, 横山 順一, 杉田 正明. 陸上競技・大学男子長距離選手のトレーニング指標およびコンディション指標と競技記録の関係. 体育学研究. 2023 68(0):277-289.

Kapoor MP, Sugita M, Kawaguchi M, Timm D, Kawamura A, Abe A, Okubo T. Influence of iron supplementation on fatigue, mood states and sweating profiles of healthy non-anemic athletes during a training exercise: A double-blind, randomized, placebo-controlled, parallel-group study. Contemp Clin Trials Commun. 2023 Feb 3;32:101084.

Takahashi M, Bando Y, Fukui T, Maruyama A, Sugita M. Equalization of the Occlusal State by Wearing a Mouthguard Contributes to Improving Postural Control Function. Appl Sci. 2023 13(7):4342.

黒﨑 渥矢, 阿江 通良, 新垣 太世, 沼津 直樹, 杉田 正明. 10000 mレースにおける男子長距離走者の走動作タイプの変化について. 日本体育大学紀要. 2023 52:1089-1101.

谷口 耕輔, 橋本 峻, 後藤 晴彦, 杉田 正明. 国内高地トレーニング時におけるSpO2/脈拍比を用いたコンディション評価に関する研究―日本人一流長距離走選手を対象として―. トレーニング科学. 2022 34(4):323-333.

新谷 昴, 野村 由実, 杉田 正明. 自転車エルゴメーターにおける負荷精度および最大無酸素パワー測定精度の検討. トレーニング科学. 2022 34(4):345-352.

杉田 正明. 東京2020オリンピック競技大会における選手村内での日本オリンピック委員会情報・科学サポートについて（寄稿）. Journal of High Performance Sport 特集 東京2020オリンピック・パラリンピック競技大会サポート特集. 2022 9:59-67.

西村 篤寿, 杉田 正明. 貧血症状の改善が期待される蔵華乳酸菌LTK-1の「フェムケア」素材としての可能性（寄

稿). Food style21. 2022 26(9):39-45.
橋本 峻, 山下 奈瑠美, 谷口 耕輔, 杉田 正明. 暑熱環境と中性温環境における同一負荷での持久的運動中の発汗成分の比較. 体力科学. 2022 71(4):333-343.
Kawamura A, Nemoto K, Sugita M. Effect of 8-week intake of the n-3 fatty acid-rich perilla oil on the gut function and as a fuel source for female athletes: a randomised trial. Br J Nutr. 2022 Jun 16;129(6):1-11.
Hoga-Miura K, Hirokawa R, Sugita M, Enomoto Y, Kadono H, Suzuki Y. Reconstruction of walking motion without flight phase by using computer simulation on the world elite 20km female race walkers during official race. Gazzetta Medica Ital. Arch. per le Sci. Mediche. 2022 181(5):303-14.
新谷 昴, 土井 畑知里, 杉田 正明. 2019世界選手権大会で優勝したトランポリン競技選手のパフォーマンス向上過程における事例研究. トレーニング科学. 2022 34(1):61-71.
野村 由実, 杉田 正明. 運動と対話で構成される単回の出産後プログラムのストレス緩和効果. 運動とスポーツの科学. 2022 27(2):119-127.
中澤 翔, 杉田 正明, 横山 順一, 崎田 嘉寛. 大学長距離走の指導者におけるトレーニング計画の立案方法. 日本体育大学紀要. 2022 51:1071–1077.
Fukuchi M, Sugita M, Banjo M, Yonekura K, Sasuga Y. The impact of a competitive event and the efficacy of a lactic acid bacteria-fermented soymilk extract on the gut microbiota and urinary metabolites of endurance athletes: An open-label pilot study. PLoS One. 2022 Jan 27;17(1):e0262906.
新谷 昴, 山崎 博和, 杉田 正明. トランポリン競技における世界と日本の獲得点数からみた強化戦略. 体育学研究. 2022 67:103-112.
Kawamura A, Hashimoto S, Suzuki M, Ueno H, Sugita M. Oligomerized polyphenols in lychee fruit extract supplements may improve high-intensity exercise performance in male athletes: a pilot study. Phys Act Nutr. 2021 Sep;25(3):8-15.
野村 由実, 荒木 智子, 吉岡 マコ, 杉田 正明. コロナ禍における産後女性の心身の健康支援を目的としたオンラインプログラムの評価（第1報）. 女性心身医学. 2021 26(2):153-164.
新谷 昴, 千葉 崇博, 泉 建史, 杉田 正明. 国際試合におけるストレスが日本代表トランポリン競技選手の唾液バイオマーカーとコンディションに及ぼす影響. トレーニング科学. 2021 33(3):225-231.
Ueno H, Nakazawa S, Takeuchi Y, Sugita M. Relationship between Step Characteristics and Race Performance during 5000-m Race. Sports (Basel). 2021 Sep 17;9(9):131.
土屋 裕睦, 秋葉 茂季, 衣笠 泰介, 杉田 正明. 新型コロナウイルス感染症の拡大が我が国におけるトップアスリートの精神的健康, 心理的ストレス及びコミュニケーションに与える影響―日本オリンピック委員会によるアスリート調査結果2（事例報告）. Journal of High Performance Sport 特集 新型コロナウイルス感染症予防のための活動の自粛期間と再開期におけるトップアスリートへの影響 ―日本オリンピック委員会（JOC）によるアンケート調査とハイパフォーマンススポーツセンター（HPSC）での事例. 2021 7:13-22.
杉田 正明, 広瀬 統一, 立花 泰則, 尾崎 宏樹, 土屋 裕睦. 新型コロナウイルス感染症の拡大が我が国におけるトップアスリートの練習環境, トレーニング及び情報収集に与える影響―日本オリンピック委員会によるアスリート調査結果1（事例報告）. Journal of High Performance Sport 特集 新型コロナウイルス感染症予防のための活動の自粛期間と再開期におけるトップアスリートへの影響 ―日本オリンピック委員会（JOC）によるアンケート調査とハイパフォーマンススポーツセンター（HPSC）での事例. 2021 7:3-12.
Kapoor MP, Sugita M, Fukuzawa Y, Timm D, Ozeki M, Okubo T. Green Tea Catechin Association with Ultraviolet Radiation-Induced Erythema: A Systematic Review and Meta-Analysis. Molecules. 2021 Jun 17;26(12):3702.
河村 亜希, Kappor MP, 杉田 正明. 1か月間の低用量の鉄サプリメント摂取が発汗を伴う運動習慣のある女性に

おける主観的コンディションに及ぼす影響. トレーニング科学. 2021 33(2):147-154.
杉浦 雄策, 佐久間 和彦, 杉田 正明. 4 × 100mリレー・パフォーマンス向上のためのアンダーハンドパス技術と戦略. 陸上競技学会誌. 2021 19:65-77.
中澤 翔, 柚木 孝敬, 瀧澤 一騎, 山代 幸哉, 小野 木俊, 横山 順一, 杉田 正明, 崎田 嘉寛. 大学男子長距離競技者におけるトレーニングの実施状況および意識の特徴：2019年度のアンケート調査より. 陸上競技研究. 2021 124(1):23-30.
橋本 峻, 杉田 正明. 簡易測定器（LAQUAtwin）を用いた汗中Ca濃度測定における妥当性の検討. 日本体育大学スポーツ科学研究. 2020 9:24-29.
竹内 洋輔, 吉岡 伸彦, 阿江 数通, 杉田 正明. フィギュアスケートの新ルールにおける得点の獲得戦略に関する一考察―男女シングル テクニカルエレメントスコアーに関する国際スケート連盟総会決定事項から―. 氷上スポーツ研究. 2(1):2-14.
谷口 耕輔, 杉田 正明.　安静時における一過性の高濃度酸素吸入が心拍変動及び酸化ストレスに与える影響. 運動とスポーツの科学. 2020 26(1):11-20.
河村 亜希, 杉田 正明. 女子長距離選手における24か月間のEPAおよびDHAの摂取による血中脂肪酸濃度の変化. 日本栄養・食糧学会誌. 2020 73(5):199-205.
河村 亜希, 杉田 正明, 西澤 美春, 佐藤 洋平, 小林 史明. 女子長距離選手における6か月間のn–3系脂肪酸含有食品の摂取が血中脂質の変化に及ぼす影響. 日本栄養士会雑誌. 2020 63(8):439-446.
橋本 峻, 杉田 正明. カプセル式深部体温測定器における妥当性の検討. 日本体育大学紀要 2020 49:3021-3025.
杉田 正明. 競技スポーツ選手を対象とした高地トレーニングの科学（寄稿）. 生体の科学 特集 スポーツ科学：2020オリンピック・パラリンピックによせて. 2020 71(3):193-199.
Hoga-Miura K, Hirokawa R, Sugita M, Enomoto Y, Kadono H, Suzuki Y. A three-dimensional kinematic analysis of walking speed on world elite women's 20-km walking races using an inverted pendulum model. Gazzetta Medica Ital. Arch. per le Sci. Mediche. 2020 179(1-2) 29-38.
酒井 健介, 須永 美歌子, 貴嶋 孝太, 森丘 保典, 真鍋 知宏, 山本 宏明, 杉田 正明. 高校生エリート陸上選手におけるサプリメント使用状況. 陸上競技研究紀要. 2020 15:81-93.
野村 由実, 杉田 正明. 自転車エルゴメーターにおける負荷精度の検討. トレーニング科学. 2020 32(1):33-39.
谷口 耕輔, 杉田 正明. 高校男子長距離走選手の試合期における酸化ストレス, 心理的状態及び主観的コンディションに関する研究. スポーツパフォーマンス研究. 2020 12:57-71.
坂東 陽月, 高橋 睦, 杉田 正明. スポーツ関係者および歯科医療関係者に対するスポーツ歯科学についてのアンケート調査. スポーツ歯学. 2020 22(2):29-36.
杉田 正明. コーチングの力量（寄稿）. 体育の科学 特集 スポーツにみる“力”の多様性. 2019 69:651-657.
Fujita S, Kusano S, Sugiura Y, Sakuraba K, Kubota A, Sakuma K, Suzuki Y, Hayamizu K, Aoki Y, Sugita M. A 100-m Sprint Time Is Associated With Deep Trunk Muscle Thickness in Collegiate Male Sprinters. Front Sports Act Living. 2019 Sep 24;1:32.
坂東 陽月, 高橋 睦, 福井 卓也, 丸山 章子, 杉田 正明. トランポリン選手における咬合接触状態と姿勢制御機能の関連. スポーツ歯学. 2019 23(1):14-20.
杉田 正明. 浅間山麓高地エリアにおける高地トレーニングの展開（寄稿）. 月刊スポーツメディスン. 2019 211:26-28.
坂東 陽月, 高橋 睦, 杉田 正明. スポーツ関係者および歯科医療関係者に対するスポーツ歯科学についてのアンケート調査. スポーツ歯学. 2019 22(2):29-36.
坂東 陽月, 高橋 睦, 小口 貴久, 福井 卓也, 丸山 章子, 松井 陽子, 杉田 正明. スケルトン競技のオリンピック強化

指定選手に対する歯科学的サポート. スポーツ歯学. 2019 22(2):50-55.
杉田 正明. 持久力に寄与する高地トレーニング最新情報（寄稿）. コーチングクリニック. 2019 33(4):18-22.
杉田 正明. 東京2020のマラソンの科学的対応について（寄稿）. 月刊スポーツメディスン. 2019 207:2-7.

07 野井真吾（体育学部・教授）

野井 真吾. 光・暗闇・外あそびで健やかに！（寄稿）. 特定非営利活動法人東京都公立保育園研究会の広報. 2023 262:20-37.
勝崎 由美，鹿野 晶子，今井 夏子，野井 真吾. 昼行性の睡眠状況・生活行動に表れるインターネット依存傾向の特徴：決定木分析を用いて. 日本幼少児健康教育学会誌. 2023 8:61-70.
笠井 茜，湊谷 勇次，鹿野 晶子，野井 真吾. 小学5年生における平日と休日の屋外光曝露と身体活動の比較：屋外光曝露時間と歩数を用いて. 日本教育保健学会誌. 2023 30:45-53.
田中 良，鹿野 晶子，野井 真吾. 身体活動を組み込む座学の授業に対する中学生の主観的評価. 日本教育保健学会誌. 2023 30:33-43.
Minatoya Y, Shikano A, Kosuke T, Noi S. The relationship between light exposure and bedtime/wake-up time during school days, holidays, and long-stay camp period in Japanese children. Biol Rhythm Res. 2023 54(3):276-290.
原 英樹，倉田 クラン，岡本 武志，板谷 厚，鹿野 晶子，野井 真吾，夏昭 英房. Go/no-go課題から観る好ましい発育発達の条件－自然環境の豊かさを念頭において－. 國學院大學人間開発学研究. 2023 14:87-101.
野井 真吾. 身体活動／スクリーンタイムの組み合わせと体力・運動能力，挑戦意欲との関連を考える. 令和4年度「東京都児童・生徒体力・運動能力，生活，運動習慣等調査」報告書. 東京都教育委員会. 2023:14-16.
Tanaka C, Shikano A, Imai N, Chong KH, Howard SJ, Tanabe K, Okely AD, Taylor EK, Noi S. Accelerometer-Measured Physical Activity and Sedentary Time among Children in Japan before and during COVID-19: A Cross-Sectional and Longitudinal Analysis. Int J Environ Res Public Health. 2023 Jan 9;20(2):1130.
Eto T, Kitamura S, Nishimura K, Takeoka K, Nishimura Y, Lee SI, Ohashi M, Shikano A, Noi S, Higuchi S. Circadian phase advances in children during camping life according to the natural light-dark cycle. J Physiol Anthropol. 2022 Dec 16;41(1):42.
Morita A, Shikano A, Nakamura K, Noi S, Fujiwara T. Oxytocin Reactivity during a Wilderness Program without Parents in Adolescents. Int J Environ Res Public Health. 2022 Nov 22;19(23):15437.
野井 真吾. 長引くコロナ禍で考える－子どもの「育ち」と「学び」［食べもの文化 特集 長引くコロナ禍で考える－子どもの「育ち」と「学び」］（寄稿）. 芽ばえ社. 2022 581:4-12.
Shikano A, Noi S. Go/no-go task performance of Japanese children: Differences by sex, grade, and lifestyle habits. Front Public Health. 2022 Aug 22;10:883532.
Tanaka R, Noi S. Effects of using standing desks for 45 minutes on the stress and executive function of elementary school students. PLoS One. 2022 Aug 18;17(8):e0272035.
野井 真吾. ウクライナ危機で考える！戦争と子どもの“からだと心”［子どものしあわせ 特集 今こそ「子どもらに平和を」］（寄稿）. 日本子どもを守る会. 2022 858:16-23.
Kidokoro T, Tomkinson GR, Noi S, Suzuki K. Japanese physical fitness surveillance: A greater need for international publications that utilize the world's best physical fitness database. J Phys Fitness Sports Med. 2022 11(3):161-167.

Kidokoro T, Minatoya Y, Imai N, Shikano A, Noi S. The Immediate and Lasting Effects of Resident Summer Camp on Movement Behaviors Among Children. Front Pediatr. 2022 Jun 28;10:912221.

Imai N, Shikano A, Kidokoro T, Noi S. Risky Play and Social Behaviors among Japanese Preschoolers: Direct Observation Method. Int J Environ Res Public Health. 2022 Jun 27;19(13):7889.

野井 真吾. コロナ禍と子どものからだ・心［子どもと読書 特集 コロナ禍のもとでの子どもたち］（寄稿）. 親子読書地域文庫全国連絡会. 2022 453:2-7.

田中 良, 鹿野 晶子, 田邊 弘祐, 森田 舞, 浅田 晴之, 野井 真吾. グループワーク時における立ち机の利用が大学生, 大学院生の発言に及ぼす影響. 大阪体育大学紀要. 2022 53:37-45.

Noi S, Shikano A, Imai N, Tamura F, Tanaka R, Kidokoro T, Yoshinaga M. The Changes in Visual Acuity Values of Japanese School Children during the COVID-19 Pandemic. Children (Basel). 2022 9(3):342.

田村 史江, 今井 夏子, 田中 良, 鹿野 晶子, 吉永 真理, 野井 真吾. COVID-19パンデミックによる長期休校中と休校明けの子どもの困りごとと保護者の心配ごとの実態. 日本幼少児健康教育学会誌. 2022 7:83-96.

山田 直子, 野井 真吾. 日本の中学生における多次元的資本, 生活習慣, 精神的健康の関連：共分散分析を用いて. 日本幼少児健康教育学会誌. 2022 7:69-81.

野井 真吾, 鹿野 晶子, 中島 綾子, 下里 彩香, 松本 稜子. 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2020」の結果を基に. 日本教育保健学会年報. 2022 29:3-17.

Kidokoro T, Shikano A, Tanaka R, Tanabe K, Imai N, Noi S. Different Types of Screen Behavior and Depression in Children and Adolescents. Front Pediatr. 2022 Jan 24;9:822603.

野井 真吾. 体温の測定値が教えてくれること（寄稿）. 全教共済. 2022 86.

野井 真吾. 取り過ぎ注意！カフェインが含まれた飲み物［給食ニュース］（寄稿）. 少年写真新聞社. 2021.

野井 真吾. 本当に必要？エナジードリンクの子どもへの影響［給食ニュース］（寄稿）. 少年写真新聞社. 2021 1847:付録.

野井 真吾. 日本の子どもにおける“からだと心”の試練：子どもは「遊び」でヒトになり，人間になる. 小児保健研究. 2021 80(6):731-735.

野井 真吾. 日本の子どもにおける“からだと心”の試練 －子どもは「遊び」でヒトになり，人間になる－. 小児歯科臨床. 2021 26(11):33-41.

野井 真吾, 鹿野 晶子. 子どものからだと心の現実とその権利の保障状況を映し出す『子どものからだと心白書』［子どものしあわせ 特集 さまざまな白書］（寄稿）. 日本子どもを守る会. 2021 847:8-11.

榎本 夏子, 鹿野 晶子, 野井 真吾. 幼児期の遊び経験に関連する生活状況・家庭環境要因の検討. こども環境学研究. 2021 17(2):54-59.

野井 真吾. コロナ禍の子どもの生活と課題［小学保健ニュース］（寄稿）. 少年写真新聞社. 2021 1271:付録.

野井 真吾. コロナ禍で子どもの「生活」と「学び」は変わったのか？［子どもの文化 特集 コロナ禍を生きる］（寄稿）. 文民教育協会子どもの文化研究所. 2021 53(7):2-37.

野井 真吾. withコロナ・postコロナ時代の子どもの「育ち」と「学び」－コロナ緊急調査の結果が教えてくれること－［民主教育研究所年報 特集 コロナパンデミックと教育；実態から見えてきたこと］（寄稿）. 民主教育研究所. 2021 21:30-39.

野井 真吾. コロナ禍で考える子どもの“からだと心”.［コオーディネーショントレーニング教育実践インタビュー集］（インタビュー記事）. 日本コオーディネーショントレーニング協会. 2021:10-11.

野井 真吾. コロナ禍で考える子どものからだと心のいま［国語の授業］（寄稿）. 児童言語研究会. 2021 275:102-109.

野井 真吾. 子どもの“からだと心”クライシス「子ども時代」の保障に向けての提言（著書）. かもがわ出版. 2021.

Tomkinson GR, Kidokoro T, Dufner TJ, Noi S, Fitzgerald JS, Brown-Borg HM. Temporal trends in 6-minute walking distance for older Japanese adults between 1998 and 2017. J Sport Health Sci. 2021 Jul;10(4):462-469.

野井 真吾. コロナ禍の子どものからだと心―withコロナ，postコロナ時代の「育ち」と「学び」を考える［体育科教育 特集 新年度の体育をどう描くか］（寄稿）. 2021 69(4):12-16.

Tanaka C, Abe T, Takenaga R, Suzuki T, Noi S, Tanaka S, Miyachi M, Inoue S, Hatamoto Y, Reilly JJ. Compliance with a physical activity guideline among junior high school students. Pediatr Int. 2021 Dec;63(12):1514-1520.

野井 真吾. コロナ禍の子どものからだと心に異変あり：COVID-19が教えてくれている地球からの警告［中学保健体育科ニュース］（寄稿）. 大修館書店. 2021 38:2-5.

野井 真吾. ウィズ・コロナ／ポスト・コロナ時代の子どもの「育ち」と「学び」―緊急調査の結果が教えてくれること［人間と教育 特集 コロナパンデミックが問いかけるもの］（寄稿）. 民主教育研究所. 2021 109:42-29.

鹿野 晶子. 下里 彩香, 中島 綾子, 野井 真吾. 小・中学校の養護教諭, 教諭が実感する子どもの健康課題の特徴―「子どものからだの調査2015」における自由記述文の計量テキスト分析を基に―. 日本教育保健学会年報. 2021 28:39-47.

野井 真吾. 国連子どもの権利委員会の「最終所見」にみる日本の子どもの健康課題の特徴―“競争的な社会”における子どもの状況に着目して―（総説）. 日本教育保健学会年報. 2021 28:3-15.

野井 真吾. コロナ禍の下での子どもと学校［家庭科研究 特集 コロナ危機から見えた生活の課題と家庭科］（論説・寄稿）. 家庭科教育研究者連盟. 2021 360:4-9

Noi S, Shikano A, Tanaka R, Tanabe K, Enomoto N, Kidokoro T, Yamada N, Yoshinaga M. The Pathways Linking to Sleep Habits among Children and Adolescents: A Complete Survey at Setagaya-ku, Tokyo. Int J Environ Res Public Health. 2021 Jun 10;18(12):6309.

Noi S, Shikano A, Yamada N, Tanaka R, Tanabe K, Tsuji H. Effects of change in residence to a mountain village on children's melatonin responses. Biol Rhythm Res, 2021 52(1), 60-69.

野井 真吾. 特別報告 子どものからだと心は今, コロナ禍でどうなっているのか［子どもと生きる］（寄稿）. 東京民研. 2020 372:8-9.

野井 真吾. 特集 コロナ禍の子どもたちが教えてくれたこと：「臨時休校が子どものからだと心に及ぼす影響の緊急調査」の結果から［食べもの文化］（寄稿）. 芽ばえ社. 2020 558:6-19.

山田 直子, 野井 真吾. 家庭の経済, 文化, 社会関係, 時間的背景と子どものむし歯被患率および肥満･痩身傾向児出現率との関連性. こども環境学研究. 2020 16(2):54-59.

野井 真吾, 田邊 弘祐, 鹿野 晶子. 学校での教室座席と子どもの睡眠状況, メラトニン分泌パタンとの関連. 発育発達研究. 2020 89:12-21.

野井 真吾. ウィズ・コロナ時代に子どもの成長をどう保障するか［食べもの通信］（寄稿）. 2020 596:32-33.

野井 真吾. 子どもの「からだのおかしさ」の現在地と「子ども時代」の保障［演劇と教育 連続特集 子どもたちのからだは、今］（寄稿）. 2020 67(5):10-16.

渡辺 晃, 田中 良, 田邊 弘祐, 鹿野 晶子, 野井 真吾. 小学4年生を対象とした睡眠の「みえる化」実践の効果検証, 日本幼少児健康教育学会誌. 2020 6(1):31-48.

田中 良, 野井 真吾. 立位活動を組み込んだ授業が中学生の疲労感，実行機能に及ぼす影響. 日本幼少児健康教育学会誌. 2020 6(1):23-30.

Ishihama K, Shikano A and Noi S What Japanese children actually do and what they wish to do in their free time, Child Care in Practice. Child Care Pract. 2020 28(3):1-13.

野井 真吾, 千竃 健人, 田中 良, 田邊 弘祐, 山田 直子, 渡辺 晃. 10～18歳の子どもにおけるエナジードリンクの摂取実態と摂取者の身体症状・生活状況の特徴. 学校保健研究. 2020 62(3):166-177.

野井 真吾, 山岸 利次. 競争社会のもとでの子どものからだとこころをめぐる課題［国連子どもの権利条約と日本の子ども期―第4・5回最終所見を読み解く―］（著書・共著）. 本の泉社. 2020 41-50.

Tomkinson GR, Kidokoro T, Dufner T, Noi S, Fitzgerald JS, Mcgrath RP. Temporal trends in handgrip strength for older Japanese adults between 1998 and 2017. Age Ageing. 2020 Jul 1;49(4):634-639.

田邊 弘祐, 鹿野 晶子, 野井 真吾. 子どものメラトニン分泌パタンに関連する生活状況の検討. 発育発達研究. 2020 87:20-28.

田中 良, 野井 真吾. 小・中学生における疲労自覚症状と生活状況との因果関係～世田谷区公立学校における悉皆調査をもとに～. 学校保健研究. 2020 62(1):25-34.

野井 真吾, 鹿野 晶子. 子どもの“からだと心”を育む身体活動の可能性［子どもと発育発達 特集 子どもの“元気”を育む身体活動の可能性］（寄稿）. 杏林書院. 2020 18:16-21.

野井 真吾. 子どもの元気と身体活動［子どもと発育発達 特集 子どもの“元気”を育む身体活動の可能性］（寄稿）. 杏林書院. 2020 18:2-4.

Tanabe K, Nakazato K, Noi S. Effects of prophylactic nap on physical fitness/exercise ability and executive function in healthy young trained males. Biol Rhythm Res. 2020 51:421-440.

野井 真吾. 記念講演 気になる子どものからだと心―事実を基に子ども時代を考える. 第54回家教連夏季研究集会報告. 2019 353:28-31.

鹿野 晶子, 増田 修治, 野井 真吾. 保育所における「散歩」が子どものメラトニン分泌パタンと生活状況に及ぼす影響. こども環境学研究. 2019 15(3):77-82.

野井 真吾. 子どもは「遊び」でヒトになり，人間になる！―スポーツとは違う「遊び」の可能性［食べもの文化］（寄稿）. 芽ばえ社. 2019 544:27-33.

野井 真吾. 電子メディア（スクリーン文化）と子どもの“からだと心”［子どもの文化, 特集 これまでこれから子ども・文化【子どもの文化創立50周年】］（寄稿）. 文民教育協会子どもの文化研究所. 2019 51(7):111-117.

野井 真吾, 鹿野 晶子. 特集 子どものからだと心のSOS：国連・子どもの権利委員会が懸念する日本の子どもの“からだと心”［食べもの文化］（寄稿）. 芽ばえ社. 2019 541:6-30.

野井 真吾. 子どもの「体力」の変遷と養護教諭への期待［小学保健ニュース, スポーツと健康 第1回］（寄稿・2019年度年間連載）. 2019 1197:付録2-4.

野井 真吾. 子どもの“からだ”を育む「光・暗やみ・外遊び」[たのしい学校, 子どものからだ・こころ・生活］（寄稿・連載）. 大日本図書. 2019 52:42.

野井 真吾. 深刻化する体と心の「おかしさ」：子どもの育つ権利を守るために［食べもの通信, 緊急特集 子どもの脳と体に異変］（寄稿）. 食べ物通信社. 2019 576:8-11.

野井 真吾. 後編 セロトニンの低下問題［たのしくたべようニュース, 子どもの姿勢問題の原因と解決策を探る！］（寄稿・連載）. 少年写真新聞. 2019 414:付録.

王 明亮, 田中 良, 鹿野 晶子, 岡田 雄樹, 近藤 智靖, 野井 真吾. 中国・蒙古族の子どもの自律神経機能の実態をその生活背景. 日本幼少児健康教育学会誌. 2019 4(2):51-58.

野井 真吾. 前編 体幹筋力と発動意志の低下［たのしくたべようニュース 子どもの姿勢問題の原因と解決策を探る！］（寄稿・連載）. 少年写真新聞. 2019 413:付録.

野井 真吾. 子どものからだに見る権利侵害―「生存」「保護」「発達」のいま［教育, 特集 子どもの権利30年］（寄稿）. 教育科学研究会. 2019 877:21-26.

野井 真吾. 養護教諭と出会い，並走し続けた正木健雄先生（寄稿）. 保健室. 2019 200:6-9.

野井 真吾, 鹿野 晶子, 渡辺 晃. 睡眠の「みえる化」をめざした「健康観察シート」の効果. 子どもと発育発達. 2019 16:231-237.

野田 耕, 鹿野 晶子, 田中 良, 野井 真吾. 小学校の休み時間における主体的身体活動を生起する生活要因―小学3～6年生の場合. 日本幼少児健康教育学会誌. 2019 5(1):5-12.

田中 良, 森田 舞, 浅田 晴之, 野井 真吾. 小学生への立ち机導入が身体活動，疲労自覚症状に及ぼす影響. こども環境学研究. 2019 15:108-113.

Shikano A, Noi S. The Characteristics of Higher Brain Function Types as Assessed with a go/no-go Task in Japanese Children. School Health. 2019 15:1-10.

08 横山順一（体育学部・教授）

横山 順一, 金野 潤, 樗木 武治, 松田 基子, 松本 秀彦, 徳田 糸子, 石橋 剛士, 伊東 良, 飯塚 浩史, 中路 重之. 脂質代謝が大動脈の動脈硬化指標に及ぼす影響に関するコホート研究：岩木健康増進プロジェクトでの検討. 体力・栄養・免疫学雑誌. 2022 32(1):46-57.

Akaike A, Suzuki D, Okuyama S, Kudo Y, Shimizu H, Takanashi S, Makino K, Yokoyama J, Nakaji S. Associations between physical physique/fitness in children and bone development during puberty: a 4-year longitudinal study. Sci Rep. 2022 Aug 4;12(1):13427.

中澤 翔, 杉田 正明, 横山 順一, 崎田 嘉寛. 大学長距離走の指導者におけるトレーニング計画の立案方法. 日本体育大学紀要. 2022 51;1071-1077.

上妻 歩夢, 齋藤 未花, 本間 洋樹, 水野 増彦, 横山 順一, 小林 史明, 畑山 茂雄, 菊池 直樹. 陸上競技選手における見た目の魅力及び顔の縦横比と競技成績との関連性. 日本体育大学紀要. 2021 50:3015-3020.

中澤 翔, 柚木 孝敬, 瀧澤 一騎, 山代 幸哉, 小野木 俊, 横山 順一, 杉田 正明, 崎田嘉寛. 大学男子長距離競技者におけるトレーニングの実施状況および意識の特徴－2019年度のアンケート調査より－. 陸上競技研究. 2021 1:23-30.

Kawabata R, Soma Y, Kudo Y, Yokoyama J, Shimizu H, Akaike A, Suzuki D, Katsuragi Y, Totsuka M, Nakaji S. Relationships between body composition and pulmonary function in a community-dwelling population in Japan. PLoS One. 2020 Nov 17;15(11):e0242308.

Suzuki N, Sawada K, Takahashi I, Matsuda M, Fukui S, Tokuyasu H, Shimizu H, Yokoyama J, Akaike A, Nakaji S. Association between Polyunsaturated Fatty Acid and Reactive Oxygen Species Production of Neutrophils in the General Population. Nutrients. 2020 Oct 22;12(11):3222.

09 岡本美和子（児童スポーツ教育学部・教授）

島田 真理恵, 安達 久美子, 岡本 美和子, 佐山 理絵. 助産所における業務継続計画策定のためのガイドライン［日本助産師会］. 厚生労働科学特別研究事業. 2022 10-22.

岡本 美和子, 島田 真理恵, 安達 久美子, 佐山 理絵. 助産所におけるBCP策定に向けたガイドライン作成の経緯と内容［助産師 特集 BCP（事業継続計画）の策定］（寄稿）. 日本助産師会出版. 2022 76(3):12-16.

津田 紫緒, 岡本 美和子, 矢郷 哲志, 岡光 基子. コロナ禍における地域の子育て支援策. 乳幼児医学・心理学研究 特集 コロナ禍にあって見えてきたこと. 2021 30(2):93-101.

片桐 正広, 和田 博史, 鈴木 菜々, 岡本 美和子, 近藤 智靖. 中学校保健体育科の初任教員に対する指導教員の指導方法に関する意識の変容についての事例的研究. 体育科教育学研究. 2020 36(1):17-31.

清水 沙弥香, 吉野 英梨花, 細沼 咲希, 内藤 智子, 岡本 美和子. 産褥期における初産婦のスマートフォン使用に対する認識と実態. 東邦看護学会誌. 2020 17(2):29-34.

岡本 美和子, 金田 英子, 河田 聖良. ネパールにおける女性の健康支援活動［助産師］（寄稿）. 日本助産師会出版. 2020 74(1):42-46.

10 須永美歌子（児童スポーツ教育学部・教授）

Torashima S, Samukawa M, Sakamaki-Sunaga M, The necessity of female athlete triad education for postpartum women: a case study on insufficient health education. Gazzetta Medica Ital. Arch. per le Sci. Mediche. 2023 181(12):992-998.

Mochizuki Y, Saito M, Homma H, Inoguchi T, Naito T, Sakamaki-Sunaga M, Kikuchi N. Does resistance exercise lifting velocity change with different rest intervals? J Sports Med Phys Fitness. 2023 63(3):402-408.

Matsuda T, Takahashi H, Nakamura M, Ogata H, Kanno M, Ishikawa A, Sakamaki-Sunaga M. Influence of the Menstrual Cycle on Muscle Glycogen Repletion After Exhaustive Exercise in Eumenorrheic Women. J Strength Cond Res. 2023 37(4):e273-e279.

Ishikawa A, Matsuda T, Gam H, Kanno M, Yamada M, Ikegami N, Funaki A, Ogata H, Kamemoto K, Ichihara T, Sakamaki-Sunaga M. Effect of Green Tea Extract Ingestion on Fat Oxidation during Exercise in the Menstrual Cycle: A Pilot Study. Nutrients. 2022 14(19):3896.

Funaki A, Gam H, Matsuda T, Ishikawa A, Yamada M, Ikegami N, Nishikawa Y, Sakamaki-Sunaga M. Influence of Menstrual Cycle on Leukocyte Response Following Exercise-Induced Muscle Damage. Int J Environ Res Public Health. 2022 19(15):9201.

Matsuda T, Takahashi H, Nakamura M, Kanno M, Ogata H, Ishikawa A, Yamada M, Kamemoto K, Sakamaki-Sunaga M. Influence of menstrual cycle on muscle glycogen utilization during high-intensity intermittent exercise until exhaustion in healthy women. Appl Physiol Nutr Metab. 2022 47(6):671-680.

Ikegami N, Samukawa M, Sakamaki-Sunaga M, Sugawara M, Torashima S, Ishida T, Kasahara S, Tohyama H. The Influence of Low Energy Availability on Bone Mineral Density and Trabecular Bone Microarchitecture of Pubescent Female Athletes: A Preliminary Study. Int J Environ Res Public Health. 2022 19(9):5580.

Matsuda T, Ishikawa A, Kanno M, Ogata H, Gam H, Funaki A, Ikegami N, Yamada M, Sakamaki-Sunaga M. The Effect of Co-Ingestion of Carbohydrate with Milk after Exercise in Healthy Women: Study Considering the Menstrual Cycle. J Sports Sci Med. 2022 21(2):191-199.

Kikuchi N, Tajima T, Tamura Y, Yamanaka Y, Menuki K, Okamoto T, Sakamaki-Sunaga M, Sakai A, Hiranuma K, Nakazato K. The ALDH2 rs671 polymorphism is associated with athletic status and muscle strength in a Japanese population. Biol Sport. 2022 39(2):429-434.

Kamemoto K, Yamada M, Matsuda T, Ogata H, Ishikawa A, Kanno M, Miyashita M, Sakamaki-Sunaga M. Effects of

menstrual cycle on appetite-regulating hormones and energy intake in response to cycling exercise in physically active women. J Appl Physiol (1985). 2022 Jan 1;132(1):224-235.

Kamemoto K, Yamada M, Matsuda T, Ogata H, Tanaka N, Sakamaki-Sunaga M. Relationship between weight management and menstrual status in female athletes: a cross-sectional survey. Women Health. 2021 Sep;61(8):819-827.

Fink J, Schoenfeld BJ, Sakamaki-Sunaga M, Nakazato K. Physiological Responses to Agonist–Antagonist Superset Resistance Training. Journal of Science in Sport and Exercise. 2021 3:355-363.

Matsuda T, Ogata H, Kanno M, Ishikawa A, Yamada M, Sakamaki-Sunaga M. Effects of the menstrual cycle on oxidative stress and antioxidant response to high-intensity intermittent exercise until exhaustion in healthy women. J Sports Med Phys Fitness. 2020 60(10):1335-1341.

Matsuda T, Furuhata T, Ogata H, Kamemoto K, Yamada M, Sakamaki-Sunaga M. Effects of the Menstrual Cycle on Serum Carnitine and Endurance Performance of Women. Int J Sports Med. 2020 Jun;41(7):443-449.

Yamada M, Matsuda T, Ichihara T, Sakamaki-Sunaga M. Effects of Orally Ingested Paprika Xanthophylls on Respiratory Metabolism during Endurance Exercise: Study Protocol for an Interventional Randomised Controlled Trial. Health Sci. 2020 14(1).

11 平沼憲治（保健医療学部・教授）

Koyama K, Nakazato K, Kubo Y, Gushiken K, Hatakeda Y, Seo K, Nakase T, Hiranuma K. Effects of Competition Level on the Prevalence and Incidence of Lumbar Disk Degeneration in Japanese Collegiate Gymnasts. Orthop J Sports Med. 2022 Nov 15;10(11):23259671221119439.

Kikuchi N, Tajima T, Tamura Y, Yamanaka Y, Menuki K, Okamoto T, Sakamaki-Sunaga M, Sakai A, Hiranuma K, Nakazato K. The ALDH2 rs671 polymorphism is associated with athletic status and muscle strength in a Japanese population. Biol Sport. 2022 Mar;39(2):429-434.

Obara H, Tajima T, Tsukamoto M, Yamanaka Y, Suzuki H, Zenke Y, Kawasaki M, Kouzaki K, Nakazato K, Hiranuma K, Sakai A. Trabecular Bone Volume Is Reduced, With Deteriorated Microstructure, With Aging in a Rat Model of Duchenne Muscular Dystrophy. J UOEH. 2022;44(4):323-330.

Kubo Y, Watanabe K, Nakazato K, Koyama K, Hiranuma K. Central Tendon Injury Impairs Regional Neuromuscular Activation of the Rectus Femoris Muscle. Sports (Basel). 2021 Oct 27;9(11):150.

Wakabayashi Y, Tamura Y, Kouzaki K, Kikuchi N, Hiranuma K, Menuki K, Tajima T, Yamanaka Y, Sakai A, Nakayama KI, Kawamoto T, Kitagawa K, Nakazato K. Acetaldehyde dehydrogenase 2 deficiency increases mitochondrial reactive oxygen species emission and induces mitochondrial protease Omi/HtrA2 in skeletal muscle. Am J Physiol Regul Integr Comp Physiol. 2020 Apr 1;318(4):R677-R690.

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. 2019 Mar 27;66:89-97.

12 菊池直樹（体育学部・准教授）

Deguchi M, Homma H, de Almeida KY, Kozuma A, Saito M, Tsuchiya Y, Kouzaki K, Ochi E, Okamoto T, Nakazato K, Kikuchi N. Association of MMP3 gene polymorphism and sex on recovery of muscle strength after eccentric exercise. J Appl Physiol (1985). 2023 Sep 1;135(3):527-533.

Ogawa M, Hashimoto Y, Mochizuki Y, Inoguchi T, Kouzuma A, Deguchi M, Saito M, Homma H, Kikuchi N, Okamoto T. Effects of free weight and body mass-based resistance training on thigh muscle size, strength and intramuscular fat in healthy young and middle-aged individuals. Exp Physiol. 2023 Jul;108(7):975-985.

Nihei S, Ogawa M, Hashimoto Y, Kikuchi N, Nakazato K, Okamoto T. Arterial stiffness and physical fitness on cognitive function in community-dwelling middle-aged and older adults. Aging Clin Exp Res. 2023 Jun; Epub ahead of print.

Saito M, Zempo H, de Almeida KY, Homma H, Kikuchi N. The Association between ACTN3 R577X Polymorphism and Range of Motion: A Systematic Review and Meta-analysis. Int J Sports Med. 2023 Jul;44(9):618-624.

Ginszt M, Saito M, Zięba E, Majcher P, Kikuchi N. Body Composition, Anthropometric Parameters, and Strength-Endurance Characteristics of Sport Climbers: A Systematic Review. J Strength Cond Res. 2023 Jun 1;37(6):1339-1348.

Mochizuki Y, Saito M, Homma H, Inoguchi T, Naito T, Sakamaki-Sunaga M, Kikuchi N. Does resistance exercise lifting velocity change with different rest intervals? J Sports Med Phys Fitness. 2023 Mar;63(3):402-408.

Homma H, Saito M, Mochizuki Y, Shinogi M, Kobatake Y, Okamoto T, Nishiyama T, Nakazato K, Kikuchi N. Association between MCT1 T1470A polymorphism and athlete status in Japanese power-oriented athletes. Gazzetta Medica Ital. Arch. per le Sci. Mediche. 2023;182(1-2):43-8

Ohta T, Ogawa M, Kikuchi N, Sasai H, Okamoto T. Adherence to 24-h Movement Guidelines and Depressive Status During the Coronavirus Disease Outbreak: A Cross-Sectional Japanese Survey. Int J Public Health. 2023 Feb 24;68:1604647.

Kumagai H, Miller B, Kim SJ, Leelaprachakul N, Kikuchi N, Yen K, Cohen P. Novel Insights into Mitochondrial DNA: Mitochondrial Microproteins and mtDNA Variants Modulate Athletic Performance and Age-Related Diseases. Genes (Basel). 2023 Jan 21;14(2):286.

Kikuchi N, Ohta T, Hashimoto Y, Mochizuki Y, Saito M, Kozuma A, Deguchi M, Inoguchi T, Shinogi M, Homma H, Ogawa M, Nakazato K, Okamoto T. Effect of Online Home-Based Resistance Exercise Training on Physical Fitness, Depression, Stress, and Well-Being in Middle-Aged Persons: A Pilot Study. Int J Environ Res Public Health. 2023 Jan 18;20(3):1769.

Homma H, Saito M, Saito A, Kozuma A, Matsumoto R, Matsumoto S, Kobatake N, Okamoto T, Nakazato K, Nishiyama T, Kikuchi N. The Association between Total Genotype Score and Athletic Performance in Weightlifters. Genes (Basel). 2022 Nov 10;13(11):2091.

De Almeida KY, Saito M, Homma H, Mochizuki Y, Saito A, Deguchi M, Kozuma A, Okamoto T, Nakazato K, Kikuchi N. ALDH2 gene polymorphism is associated with fitness in the elderly Japanese population. J Physiol Anthropol. 2022 Nov 5;41(1):38.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Genetic profile of sports climbing athletes from three different ethnicities. Biol Sport. 2022 Oct;39(4):913-919.

Saito A, Saito M, Almeida KY, Homma H, Deguchi M, Kozuma A, Kobatake N, Okamoto T, Nakazato K, Kikuchi

N. The Association between the ALDH2 rs671 Polymorphism and Athletic Performance in Japanese Power and Strength Athletes. Genes (Basel). 2022 Sep 27;13(10):1735.

OhtaT, Nagashima J, Sasai H, Kikuchi N, Nakazato K, Okamoto T. Sport Program Service study and Setagaya-Aoba study. J Phys Fit Sports Med. 2022 11(3); 127-136.

Alvarez-Romero J, Laguette MN, Seale K, Jacques M, Voisin S, Hiam D, Feller JA, Tirosh O, Miyamoto-Mikami E, Kumagai H, Kikuchi N, Kamiya N, Fuku N, Collins M, September AV, Eynon N. Genetic variants within the COL5A1 gene are associated with ligament injuries in physically active populations from Australia, South Africa, and Japan. Eur J Sport Sci. 2023 Feb;23(2):284-293.

Kumagai H, Kaneko T, Shintake Y, Miyamoto-Mikami E, Tomita H, Fukuo M, Kawai W, Harada M, Kikuchi N, Kamiya N, Hirata K, Zempo H, Maeda S, Miyamoto N, Fuku N. Genetic polymorphisms related to muscular strength and flexibility are associated with artistic gymnastic performance in the Japanese population. Eur J Sport Sci. 2023 Jun;23(6):955-963.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Is COL1A1 Gene rs1107946 Polymorphism Associated with Sport Climbing Status and Flexibility? Genes (Basel). 2022 Feb 23;13(3):403.

Ogawa M, Hashimoto Y, Kikuchi N, Okamoto T. Relationship between Vascular Structure and Function and Thigh Muscle Composition in Normal-Weight Middle-Aged and Older Men. Int J Gerontol. 2022 16(3):271-276.

Saito M, Ginszt M, Semenova EA, Massidda M, Huminska-Lisowska K, Michałowska-Sawczyn M, Homma H, Cięszczyk P, Okamoto T, Larin AK, Generozov EV, Majcher P, Nakazato K, Ahmetov II, Kikuchi N. Genetic profile of sports climbing athletes from three different ethnicities. Biol Sport. 2022 Oct;39(4):913-919.

Kikuchi N, Tajima T, Tamura Y, Yamanaka Y, Menuki K, Okamoto T, Sakamaki-Sunaga M, Sakai A, Hiranuma K, Nakazato K. The ALDH2 rs671 polymorphism is associated with athletic status and muscle strength in a Japanese population. Biol Sport. 2022 Mar;39(2):429-434.

Massidda M, Flore L, Kikuchi N, Scorcu M, Piras F, Cugia P, Cięszczyk P, Tocco F, Calò CM. Influence of the MCT1-T1470A polymorphism (rs1049434) on repeated sprint ability and blood lactate accumulation in elite football players: a pilot study. Eur J Appl Physiol. 2021 Dec;121(12):3399-3408.

Kikuchi N, Moreland E, Homma H, Semenova EA, Saito M, Larin AK, Kobatake N, Yusupov RA, Okamoto T, Nakazato K, Williams AG, Generozov EV, Ahmetov II. Genes and Weightlifting Performance. Genes (Basel). 2021 Dec 23;13(1):25.

Kikuchi N, Mochizuki Y, Kozuma A, Inoguchi T, Saito M, Deguchi M, Homma H, Ogawa M, Hashimoto Y, Nakazato K, Okamoto T. The Effect of Online Low-intensity Exercise Training on Fitness and Cardiovascular Parameters. Int J Sports Med. 2022 May;43(5):418-426.

上妻 歩夢, 齋藤 未花, 本間 洋樹, 水野 増彦, 横山 順一, 小林 史明, 畑山 茂雄, 菊池 直樹. 陸上競技選手における見た目の魅力及び顔の縦横比と競技成績との関連性. 日本体育大学紀要. 2021 50:3015-3020.

Miyamoto-Mikami E, Kumagai H, Tanisawa K, Taga Y, Hirata K, Kikuchi N, Kamiya N, Kawakami R, Midorikawa T, Kawamura T, Kakigi R, Natsume T, Zempo H, Suzuki K, Kohmura Y, Mizuno K, Torii S, Sakamoto S, Oka K, Higuchi M, Naito H, Miyamoto N, Fuku N. Female Athletes Genetically Susceptible to Fatigue Fracture Are Resistant to Muscle Injury: Potential Role of COL1A1 Variant. Med Sci Sports Exerc. 2021 Sep 1;53(9):1855-1864.

Okamoto T, Kobayashi R, Hashimoto Y, Kikuchi N, Ogoh S. Is individual day-to-day variation of arterial stiffness associated with variation of maximal aerobic performance? BMC Sports Sci Med Rehabil. 2021 Jan 9;13(1):4.

Miyamoto-Mikami E, Kumagai H, Kikuchi N, Kamiya N, Miyamoto N, Fuku N. eQTL variants in COL22A1 are associated with muscle injury in athletes. Physiol Genomics. 2020 Dec 1;52(12):588-589.

Saito M, Ginszt M, Massidda M, Cięszczyk P, Okamoto T, Majcher P, Nakazato K, Kikuchi N. Association between MCT1 T1470A polymorphism and climbing status in Polish and Japanese climbers. Biol Sport. 2021 Jun;38(2):229-234.

Kumagai H, Miyamoto-Mikami E, Kikuchi N, Kamiya N, Zempo H, Fuku N. A rs936306 C/T Polymorphism in the CYP19A1 Is Associated With Stress Fractures. J Strength Cond Res. 2022 Aug 1;36(8):2322-2325.

Massidda M, Miyamoto-Mikami E, Kumagai H, Ikeda H, Shimasaki Y, Yoshimura M, Cugia P, Piras F, Scorcu M, Kikuchi N, Calò CM, Fuku N. Association between the ACE I/D polymorphism and muscle injuries in Italian and Japanese elite football players. J Sports Sci. 2020 Nov;38(21):2423-2429.

Homma H, Kobatake N, Sekimoto Y, Saito M, Mochizuki Y, Okamoto T, Nakazato K, Nishiyama T, Kikuchi N. Ciliary Neurotrophic Factor Receptor rs41274853 Polymorphism Is Associated With Weightlifting Performance in Japanese Weightlifters. J Strength Cond Res. 2020 Nov;34(11):3037-3041.

Terada K, Kikuchi N, Burt D, Voisin S, Nakazato K. Low-Load Resistance Training to Volitional Failure Induces Muscle Hypertrophy Similar to Volume-Matched, Velocity Fatigue. J Strength Cond Res. 2022 Jun 1;36(6):1576-1581.

中澤 翔, 大石 健二, 山口 雄大, 菊池 直樹, 槇野 陽介, 塩島 絵未, 堀 彩夏, 池田 祐介, 大本 洋嗣, 西山 哲成. 国内大学自転車競技選手における1kmタイムトライアルの競技記録とラップタイムの関係―250mトラックでのレース分析―. トレーニング科学. 2020 32(2):9-17.

Wakabayashi Y, Tamura Y, Kouzaki K, Kikuchi N, Hiranuma K, Menuki K, Tajima T, Yamanaka Y, Sakai A, Nakayama KI, Kawamoto T, Kitagawa K, Nakazato K. Acetaldehyde dehydrogenase 2 deficiency increases mitochondrial reactive oxygen species emission and induces mitochondrial protease Omi/HtrA2 in skeletal muscle. Am J Physiol Regul Integr Comp Physiol. 2020 Apr 1;318(4):R677-R690.

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. Med Sci Sports Exerc. 2019 Jan;51(1):19-26.

Miyamoto-Mikami E, Miyamoto N, Kumagai H, Hirata K, Kikuchi N, Zempo H, Kimura N, Kamiya N, Kanehisa H, Naito H, Fuku N. COL5A1 rs12722 polymorphism is not associated with passive muscle stiffness and sports-related muscle injury in Japanese athletes. BMC Med Genet. 2019 Dec 2;20(1):192.

13 城所哲宏（体育学部・准教授）

Kidokoro T, Kitano N, Imai N, Lang JJ, Tomkinson GR, Magnussen CG. Optimal domain-specific physical activity and sedentary behaviors for blood lipids among Japanese children: a compositional data analysis. Journal of Activity, Sedentary and Sleep Behaviors. In Press.

Kidokoro T. Geographical Disparity in Cardiorespiratory Fitness among 3,189,540 Japanese Children and Adolescents before and during the Coronavirus 2019 Pandemic: An Ecological Study. Int J Environ Res Public Health. 2023 20(7):5315.

Kidokoro T, Tomkinson GR, Lang JJ, Suzuki K. Physical fitness before and during the COVID-19 pandemic: Results of

annual national physical fitness surveillance among 16,647,699 Japanese children and adolescents between 2013 and 2021. J Sport Health Sci. 2023 12(2):246-254.

Hyodo K, Kidokoro T, Yamaguchi D, Iida M, Watanabe Y, Ueno A, Noda T, Kawahara K, Nishida S, Kai Y, Arao T. Feasibility, Safety, Enjoyment, and System Usability of Web-Based Aerobic Dance Exercise Program in Older Adults: Single-Arm Pilot Study. 2023 JMIR Aging. 6:e39898.

Lang JJ, Zhang K, Agostinis-Sobrinho C, Andersen LB, Basterfield L, Berglind D, Blain DO, Cadenas-Sanchez C, Cameron C, Carson V, Colley RC, Csányi T, Faigenbaum AD, García-Hermoso A, Gomes TNQF, Gribbon A, Janssen I, Jurak G, Kaj M, Kidokoro T, Lane KN, Liu Y, Löf M, Lubans DR, Magnussen CG, Manyanga T, McGrath R, Mota J, Olds T, Onywera VO, Ortega FB, Oyeyemi AL, Prince SA, Ramírez-Vélez R, Roberts KC, Rubín L, Servais J, Silva DAS, Silva DR, Smith JJ, Song Y, Stratton G, Timmons BW, Tomkinson GR, Tremblay MS, Wong SHS, Fraser BJ. Top 10 International Priorities for Physical Fitness Research and Surveillance Among Children and Adolescents: A Twin-Panel Delphi Study. Sports Med. 2023 53(2):549-564.

Annear M, Shimizu Y, Kidokoro T. Health-Related Expectations Regarding Aging among Middle-Aged and Older Japanese: Psychometric Performance and Novel Findings from the ERA-12-J. Int J Environ Res Public Health. 2022 Oct 19;19(20):13509.

Imai N, Shikano A, Kidokoro T, Noi S. Risky Play and Social Behaviors among Japanese Preschoolers: Direct Observation Method. Int J Environ Res Public Health. 2022 19(13):7889.

Kumagai H, Miyamoto-Mikami E, Someya Y, Kidokoro T, Miller B, Kumagai ME, Yoshioka M, Choi Y, Tagawa K, Maeda S, Kohmura Y, Suzuki K, Machida S, Naito H, Fuku N. Sports activities at a young age decrease hypertension risk-The J-Fit+ study. Physiol Rep. 2022 10(12):e1536.

Kidokoro T, Minatoya Y, Imai N, Shikano A, Noi S. The Immediate and Lasting Effects of Resident Summer Camp on Movement Behaviors Among Children. Front Pediatr. 2022 Jun 28;10:912221.

Annear M, Kidokoro T, Shimizu Y. Expectations regarding aging among ethnically diverse undergraduates in Japan: a life course perspective on anticipated health and meaning in later life. Int J Ageing Later Life. 2022 16(1)1-23.

Noi S, Shikano A, Imai N, Tamura F, Tanaka R, Kidokoro T, Yoshinaga M. The Changes in Visual Acuity Values of Japanese School Children during the COVID-19 Pandemic. Children (Basel). 2022 9(3):342.

Kidokoro T, Tomkinson GR, Noi S, Suzuki K. Japanese physical fitness surveillance: A greater need for international publications that utilize the world's best physical fitness database. J Phys Fitness Sports Med. 2022 11(3):161-167.

Kidokoro T, Shikano A, Tanaka R, Tanabe K, Imai N, Noi S. Different Types of Screen Behavior and Depression in Children and Adolescents. Front Pediatr. 2022 Jan 24;9:822603.

Rintaugu E, Mwangi F, Andanje N, Tian X, Fuku N, Kidokoro T. Mental Toughness Characteristics of Male University Athletes in Relation To Contextual Factors. J Hum Kinet. 2022 Feb 10;81:243-251.

Annear M, Shimizu Y, Kidokoro T. Experiential physical education in a bilingual Japanese university: implications for student physical activity and program development. Advances in Physical Education 2022 12(1):11-28.

Annear M, Shimizu Y, Kidokoro T, McLaughlan R. Constructing legacy: walking audits of the leisure time physical activity potential of Tokyo Olympic venues and their urban milieu. Ann Leis Res. 2022 25(1):23-47.

Tian X, Kidokoro T, Mwangi FM. Sociocultural Dimensions of Children's Physical Activity in Contemporary Pastoralist Maasai Society. Int J Environ Res Public Health. 2021 18(16):8337.

Annear M, Sato S, Kidokoro T, Shimizu Y. Can international sports mega events be considered physical activity interventions? A systematic review and quality assessment of large-scale population studies. Sport Soc. 2021 25(4):712-729.

Kidokoro T, Tian X, Fuku N, Waiganjo LB, Rintaugu EG, Kigaru MD, Mwangi FM. Segmented physical activity and sedentary behavior patterns among children in Maasai village and Nairobi city. Am J Hum Biol. 2022 Mar;34(3):e23649.

Annear M, Kidokoro T. A novel standing desk intervention in Japanese elementary education: Mixed-methods evidence for health and pedagogical impacts. J Phys Fitness Sports Med. 2021 10(5):273-282.

Kidokoro T, Peterson SJ, Reimer HK, Tomkinson GR. Walking speed and balance both improved in older Japanese adults between 1998 and 2018. J Exerc Sci Fit. 2021 Jul;19(3):204-208.

Noi S, Shikano A, Tanaka R, Tanabe K, Enomoto N, Kidokoro T, Yamada N, Yoshinaga M. The Pathways Linking to Sleep Habits among Children and Adolescents: A Complete Survey at Setagaya-ku, Tokyo. Int J Environ Res Public Health. 2021 Jun 10;18(12):6309.

Kidokoro T, Edamoto K. Improvements in Physical Fitness are Associated with Favorable Changes in Blood Lipid Concentrations in Children. J Sports Sci Med. 2021 May 10;20(3):404-412.

Annear M, Kidokoro T, Shimizu Y. Existential threats to the Summer Olympic and Paralympic Games? a review of emerging environmental health risks. Rev Environ Health. 2021 Jan 22;36(2):159-166.

Annear M, Shimizu Y, Kidokoro T. Physical activity legacies and the Olympic Games: A delphi consensus study of contemporary challenges and opportunities. J Phy Ex Sports Sci. 2021 26(2):87-101.

Annear M, Kidokoro T, Shimizu Y.　Walking and sitting time among urban-living middle-aged and older Japanese. Int J Gerontol. 2021 15:84-86.

Tomkinson GR, Kidokoro T, Dufner TJ, Noi S, Fitzgerald JS, Brown-Borg HM. Temporal trends in 6-minute walking distance for older Japanese adults between 1998 and 2017. J Sport Health Sci. 2021 Jul;10(4):462-469.

Annear M, Kidokoro T, Shimizu Y. Physical Activity Among Urban-Living Middle-Aged and Older Japanese During the Build-Up to the Tokyo Olympic and Paralympic Games: A Population Study. J Aging Phys Act. 2021 Apr 1;29(2):308-318.

Tomkinson GR, Kidokoro T, Dufner T, Noi S, Fitzgerald JS, Mcgrath RP. Temporal trends in handgrip strength for older Japanese adults between 1998 and 2017. Age Ageing. 2020 Jul 1;49(4):634-639.

Kidokoro T, Fuku N, Yanagiya T, Takeshita T, Takaragawa M, Annear M, Xiaojie T, Waiganjo LB, Bogonko LF, Isika JK, Kigaru MD, Mwangi FM.　Physical activity and sedentary behaviour patterns among Kenyan and Japanese children: A comprehensive cross-country comparison. Int J Environ Res Public Health. 2020 17(12):4254.

Kidokoro T and Miyashita M.　Combined associations of cardiorespiratory fitness and grip strength with non-high-density lipoprotein cholesterol concentrations among Japanese children and adolescents. J Phys Fitness Sports Med. 2020 9(3):135-142.

Kidokoro T, Kohmura Y, Fuku N, Someya Y, Suzuki K. Secular trends in the grip strength and body mass index of sport university students between 1973 and 2016: J-Fit + study. J Exerc Sci Fit. 2020 Jan;18(1):21-30.

Kidokoro T, Suzuki K, Naito H, Balasekaran G, Song JK, Park SY, Liou YM, Lu D, Poh BK, Kijboonchoo K, Hui SS. Moderate-to-vigorous physical activity attenuates the detrimental effects of television viewing on the cardiorespiratory fitness in Asian adolescents: the Asia-fit study. BMC Public Health. 2019 Dec 27;19(1):1737.

Kidokoro T, Shimizu Y, Edamoto K, Annear M. Classroom Standing Desks and Time-Series Variation in Sedentary Behavior and Physical Activity among Primary School Children. Int J Environ Res Public Health. 2019 May 29;16(11):1892.

柳岡 拓磨, 降簱 泰史, 小泉 友範, 井上 尚彦, 三原 隆一, 太田 宣康, 峯岸 慶彦, 大塚 敦子, 下豊 留玲, 城所 哲宏, 柏原 杏子, 山 上隼平, 宮下 政司. 高濃度茶カテキン継続摂取及びアラニン・プロリン配合ゼリー飲料単回

摂取の併用が全身持久力に与える影響. 日本スポーツ栄養研究誌. 2019 12:21-32.
Annear MJ, Shimizu Y, Kidokoro T. Sports mega-event legacies and adult physical activity: A systematic literature review and research agenda. Eur J Sport Sci. 2019 Jun;19(5):671-685.

14 鹿野晶子（体育学部・准教授）

勝崎 由美，鹿野 晶子，今井 夏子，野井 真吾. 昼行性の睡眠状況・生活行動に表れるインターネット依存傾向の特徴：決定木分析を用いて. 日本幼少児健康教育学会誌. 2023 8:61-70.
笠井 茜，湊谷 勇次，鹿野 晶子，野井 真吾. 小学5年生における平日と休日の屋外光曝露と身体活動の比較：屋外光曝露時間と歩数を用いて. 日本教育保健学会誌. 2023 30:45-53.
田中 良，鹿野 晶子，野井 真吾. 身体活動を組み込む座学の授業に対する中学生の主観的評価. 日本教育保健学会誌. 2023 30:33-43.
Minatoya Y, Shikano A, Kosuke T, Noi S. The relationship between light exposure and bedtime/wake-up time during school days, holidays, and long-stay camp period in Japanese children. Biol Rhythm Res. 2023 54(3):276-290.
原 英樹，倉田 クラン，岡本 武志，板谷 厚，鹿野 晶子，野井 真吾，夏昭 英房. Go/no-go課題から観る好ましい発育発達の条件－自然環境の豊かさを念頭において－. 國學院大學人間開発学研究. 2023 14:87-101.
Tanaka C, Shikano A, Imai N, Chong KH, Howard SJ, Tanabe K, Okely AD, Taylor EK, Noi S. Accelerometer-Measured Physical Activity and Sedentary Time among Children in Japan before and during COVID-19: A Cross-Sectional and Longitudinal Analysis. Int J Environ Res Public Health. 2023 Jan 9;20(2):1130.
Eto T, Kitamura S, Nishimura K, Takeoka K, Nishimura Y, Lee SI, Ohashi M, Shikano A, Noi S, Higuchi S. Circadian phase advances in children during camping life according to the natural light-dark cycle. J Physiol Anthropol. 2022 Dec 16;41(1):42.
Morita A, Shikano A, Nakamura K, Noi S, Fujiwara T. Oxytocin Reactivity during a Wilderness Program without Parents in Adolescents. Int J Environ Res Public Health. 2022 Nov 22;19(23):15437.
Shikano A, Noi S. Go/no-go task performance of Japanese children: Differences by sex, grade, and lifestyle habits. Front Public Health. 2022 Aug 22;10:883532.
Kidokoro T, Minatoya Y, Imai N, Shikano A, Noi S. The Immediate and Lasting Effects of Resident Summer Camp on Movement Behaviors Among Children. Front Pediatr. 2022 Jun 28;10:912221.
Imai N, Shikano A, Kidokoro T, Noi S. Risky Play and Social Behaviors among Japanese Preschoolers: Direct Observation Method. Int J Environ Res Public Health. 2022 Jun 27;19(13):7889.
田中 良, 鹿野 晶子, 田邊 弘祐, 森田 舞, 浅田 晴之, 野井 真吾. グループワーク時における立ち机の利用が大学生, 大学院生の発言に及ぼす影響. 大阪体育大学紀要. 2022 53:37-45.
Noi S, Shikano A, Imai N, Tamura F, Tanaka R, Kidokoro T, Yoshinaga M. The Changes in Visual Acuity Values of Japanese School Children during the COVID-19 Pandemic. Children (Basel). 2022 9(3):342.
田村 史江, 今井 夏子, 田中 良, 鹿野 晶子, 吉永 真理, 野井 真吾. COVID-19パンデミックによる長期休校中と休校明けの子どもの困りごとと保護者の心配ごとの実態. 日本幼少児健康教育学会誌. 2022 7:83-96.
野井 真吾, 鹿野 晶子, 中島 綾子, 下里 彩香, 松本 稜子. 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2020」の結果を基に. 日本教育保健学会年報. 2022 29:3-17.

Kidokoro T, Shikano A, Tanaka R, Tanabe K, Imai N, Noi S. Different Types of Screen Behavior and Depression in Children and Adolescents. Front Pediatr. 2022 Jan 24;9:822603.

鹿野 晶子. 遊びが育む子どものからだ／遊びが育む子どもの心［子どもの運動・遊び－健康と安全を目指して－］（著書・共著）. アイ・ケイ コーポレーション. 2021 16-19/20-23.

野井 真吾, 鹿野 晶子. 子どものからだと心の現実とその権利の保障状況を映し出す『子どものからだと心白書』［子どものしあわせ 特集 さまざまな白書］（寄稿）. 日本子どもを守る会. 2021 847:8-11.

榎本 夏子, 鹿野 晶子, 野井 真吾. 幼児期の遊び経験に関連する生活状況・家庭環境要因の検討. こども環境学研究. 2021 17(2):54-59.

鹿野 晶子. データが語るコロナ禍の子どものからだと心［子ども白書2021］（著書・共著）. かもがわ出版. 2021 102-104.

鹿野 晶子. 下里 彩香, 中島 綾子, 野井 真吾. 小・中学校の養護教諭, 教諭が実感する子どもの健康課題の特徴―「子どものからだの調査2015」における自由記述文の計量テキスト分析を基に―. 日本教育保健学会年報. 2021 28:39-47.

Noi S, Shikano A, Tanaka R, Tanabe K, Enomoto N, Kidokoro T, Yamada N, Yoshinaga M. The Pathways Linking to Sleep Habits among Children and Adolescents: A Complete Survey at Setagaya-ku, Tokyo. Int J Environ Res Public Health. 2021 Jun 10;18(12):6309.

Noi S, Shikano A, Yamada N, Tanaka R, Tanabe K, Tsuji H. Effects of change in residence to a mountain village on children's melatonin responses. Biol Rhythm Res, 2021 52(1), 60-69.

渡辺 晃, 田中 良, 田邊 弘祐, 鹿野 晶子, 野井 真吾. 小学4年生を対象とした睡眠の「みえる化」実践の効果検証, 日本幼少児健康教育学会誌. 2020 6(1):31-48.

野井 真吾, 田邊 弘祐, 鹿野 晶子. 学校での教室座席と子どもの睡眠状況, メラトニン分泌パタンとの関連. 発育発達研究. 2020 89:12-21.

Ishihama K, Shikano A and Noi S What Japanese children actually do and what they wish to do in their free time, Child Care in Practice. Child Care Pract. 2020 28(3):1-13.

野井 真吾, 千竃 健人, 鹿野 晶子, 田中良, 田邊弘祐, 山田直子, 渡辺晃. 10～18歳の子どもにおけるエナジードリンクの摂取実態と摂取者の身体症状・生活状況の特徴. 学校保健研究. 2020 62(3):166-177.

田邊 弘祐, 鹿野 晶子, 野井 真吾. 子どものメラトニン分泌パタンに関連する生活状況の検討. 発育発達研究. 2020 87:20-28.

野井 真吾, 鹿野 晶子. 子どもの“からだと心”を育む身体活動の可能性［子どもと発育発達 特集 子どもの“元気”を育む身体活動の可能性］（寄稿）. 杏林書院. 2020 18:16-21.

鹿野 晶子, 増田 修治, 野井 真吾. 保育所における「散歩」が子どものメラトニン分泌パタンと生活状況に及ぼす影響. こども環境学研究. 2019 15(2):77-82.

野井 真吾, 鹿野 晶子. 特集 子どものからだと心のSOS：国連・子どもの権利委員会が懸念する日本の子どもの“からだと心”［食べもの文化］（寄稿）. 芽ばえ社. 2019 541:6-30.

野井 真吾, 鹿野 晶子, 渡辺 晃. 睡眠の「みえる化」をめざした「健康観察シート」の効果. 子どもと発育発達. 2019 16:231-237.

野田 耕, 鹿野 晶子, 田中 良, 野井 真吾. 小学校の休み時間における主体的身体活動を生起する生活要因―小学3～6年生の場合. 日本幼少児健康教育学会誌. 2019 5(1):5-12.

王 明亮, 田中 良, 鹿野 晶子, 岡田 雄樹, 近藤 智靖, 野井 真吾. 中国・蒙古族の子どもの自律神経機能の実態をその生活背景. 日本幼少児健康教育学会誌. 2019 4(2):51-58.

Shikano A, Noi S. The Characteristics of Higher Brain Function Types as Assessed with a go/no-go Task in Japanese

Children. School Health. 2019 15:1-10.

15 田村優樹（体育学部・准教授）

Yoshida Y, Tamura Y, Kouzaki K, Nakazato K. Dietary apple polyphenols enhance mitochondrial turnover and respiratory chain enzymes. Exp Physiol. 2023 Sep 1.

Kwon OS, Tamura Y, Kim Y. Editorial: New insights into the role of mitochondria in muscle pathophysiology. Front Physiol. 2023 Feb 7;14:1151120.

Matsunaga Y, Tamura Y, Takahashi K, Kitaoka Y, Takahashi Y, Hoshino D, Kadoguchi T, Hatta H. Branched-chain amino acid supplementation suppresses the detraining-induced reduction of mitochondrial content in mouse skeletal muscle. FASEB J. 2022 Dec;36(12):e22628.

Uno H, Kamiya S, Akimoto R, Hosoki K, Tadano S, Kouzaki K, Tamura Y, Kotani T, Isemura M, Nakazato K. Low-frequency electrical stimulation of bilateral hind legs by belt electrodes is effective for preventing denervation-induced atrophies in multiple skeletal muscle groups in rats. Sci Rep. 2022 Dec 8;12(1):21275.

Mano Y, Tsukamoto M, Wang KY, Nabeshima T, Kosugi K, Tajima T, Yamanaka Y, Suzuki H, Kawasaki M, Nakamura E, Zhou Q, Azuma K, Nakashima T, Tamura Y, Kozaki K, Nakazato K, Li YS, Kawai K, Yatera K, Sakai A. Oxidative stress causes muscle structural alterations via p38 MAPK signaling in COPD mouse model. J Bone Miner Metab. 2022 Nov;40(6):927-939.

Kotani T, Tamura Y, Kouzaki K, Kato H, Isemura M, Nakazato K. Percutaneous electrical stimulation-induced muscle contraction prevents the decrease in ribosome RNA and ribosome protein during pelvic hindlimb suspension. J Appl Physiol (1985). 2022 Oct 1;133(4):822-833.

Tamura Y, Jee E, Kouzaki K, Kotani T, Nakazato K. Effects of endurance training on the expression of host proteins involved in SARS-CoV-2 cell entry in C57BL/6J mouse. Physiol Rep. 2021 Sep;9(17):e15014.

Mori T, Ato S, Knudsen JR, Henriquez-Olguin C, Li Z, Wakabayashi K, Suginohara T, Higashida K, Tamura Y, Nakazato K, Jensen TE, Ogasawara R. c-Myc overexpression increases ribosome biogenesis and protein synthesis independent of mTORC1 activation in mouse skeletal muscle. Am J Physiol Endocrinol Metab. 2021 Oct 1;321(4):E551-E559.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. Repeated bouts of resistance exercise in rats alter mechanistic target of rapamycin complex 1 activity and ribosomal capacity but not muscle protein synthesis. Exp Physiol. 2021 Sep;106(9):1950-1960.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. The effect of repeated bouts of electrical stimulation-induced muscle contractions on proteolytic signaling in rat skeletal muscle. Physiol Rep. 2021 May;9(9):e14842.

Tamura Y, Kouzaki K, Kotani T, Nakazato K. Electrically stimulated contractile activity-induced transcriptomic responses and metabolic remodeling in C2C12 myotubes: twitch vs. tetanic contractions. Am J Physiol Cell Physiol. 2020 Dec 1;319(6):C1029-C1044.

Wakabayashi Y, Tamura Y, Kouzaki K, Kikuchi N, Hiranuma K, Menuki K, Tajima T, Yamanaka Y, Sakai A, Nakayama KI, Kawamoto T, Kitagawa K, Nakazato K. Acetaldehyde dehydrogenase 2 deficiency increases mitochondrial reactive oxygen species emission and induces mitochondrial protease Omi/HtrA2 in skeletal muscle. Am J

Physiol Regul Integr Comp Physiol. 2020 Apr 1;318(4):R677-R690.

Tamura Y, Tomiya S, Takegaki J, Kouzaki K, Tsutaki A, Nakazato K. Apple polyphenols induce browning of white adipose tissue. J Nutr Biochem. 2020 Mar;77:108299.

Tamura Y. Heat Shock Response and Metabolism in Skeletal Muscle [Heat Shock Proteins and Signaling Pathways. Heat Shock Proteins, vol 17]. Springer. 2019 41-52.

Takegaki J, Ogasawara R, Kotani T, Tamura Y, Takagi R, Nakazato K, Ishii N. Influence of shortened recovery between resistance exercise sessions on muscle-hypertrophic effect in rat skeletal muscle. Physiol Rep. 2019 Aug;7(13):e14155.

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（解説）. 日本運動生理学雑誌. 2019 26(1):27-32.

Kitaoka Y, Tamura Y, Takahashi K, Takeda K, Takemasa T, Hatta H. Effects of Nrf2 deficiency on mitochondrial oxidative stress in aged skeletal muscle. Physiol Rep. 2019 Feb;7(3):e13998.

16 安達瑞保（体育学部・助教）

Oe M, Sakamoto H, Nishiyama H, Sasahara R, Masuda Y, Adachi M, Nishiyama T. Egg white hydrolyzate reduces mental fatigue: randomized, double-blind, controlled study. BMC Res Notes. 2020 Sep 18;13(1):443.

17 鴻﨑香里奈（保健医療学部・助教）

Yoshida Y, Tamura Y, Kouzaki K, Nakazato K. Dietary apple polyphenols enhance mitochondrial turnover and respiratory chain enzymes. Exp Physiol. 2023 Sep 1.

Deguchi M, Homma H, de Almeida KY, Kozuma A, Saito M, Tsuchiya Y, Kouzaki K, Ochi E, Okamoto T, Nakazato K, Kikuchi N. Association of MMP3 gene polymorphism and sex on recovery of muscle strength after eccentric exercise. J Appl Physiol (1985). 2023 Sep 1;135(3):527-533.

Uno H, Kamiya S, Akimoto R, Hosoki K, Tadano S, Kouzaki K, Tamura Y, Kotani T, Isemura M, Nakazato K. Low-frequency electrical stimulation of bilateral hind legs by belt electrodes is effective for preventing denervation-induced atrophies in multiple skeletal muscle groups in rats. Sci Rep. 2022 Dec 8;12(1):21275.

Obara H, Tajima T, Tsukamoto M, Yamanaka Y, Suzuki H, Zenke Y, Kawasaki M, Kouzaki K, Nakazato K, Hiranuma K, Sakai A. Trabecular Bone Volume Is Reduced, With Deteriorated Microstructure, With Aging in a Rat Model of Duchenne Muscular Dystrophy. J UOEH. 2022;44(4):323-330.

Kotani T, Tamura Y, Kouzaki K, Kato H, Isemura M, Nakazato K. Percutaneous electrical stimulation-induced muscle contraction prevents the decrease in ribosome RNA and ribosome protein during pelvic hindlimb suspension. J Appl Physiol (1985). 2022 Oct 1;133(4):822-833.

Jee E, Tamura Y, Kouzaki K, Kotani T, Nakazato K. Effect of different types of muscle activity on the gene and protein

expression of ALDH family members in C57BL/6J mouse skeletal muscle. Appl Physiol Nutr Metab. 2022 Jul 1;47(7):775-786.

Kasai A, Jee E, Tamura Y, Kouzaki K, Kotani T, Nakazato K. Aldehyde dehydrogenase 2 deficiency promotes skeletal muscle atrophy in aged mice. Am J Physiol Regul Integr Comp Physiol. 2022 Jun 1;322(6):R511-R525.

Tamura Y, Jee E, Kouzaki K, Kotani T, Nakazato K. Effects of endurance training on the expression of host proteins involved in SARS-CoV-2 cell entry in C57BL/6J mouse. Physiol Rep. 2021 Sep;9(17):e15014.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. Repeated bouts of resistance exercise in rats alter mechanistic target of rapamycin complex 1 activity and ribosomal capacity but not muscle protein synthesis. Exp Physiol. 2021 Sep;106(9):1950-1960.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. The effect of repeated bouts of electrical stimulation-induced muscle contractions on proteolytic signaling in rat skeletal muscle. Physiol Rep. 2021 May;9(9):e14842.

Tamura Y, Kouzaki K, Kotani T, Nakazato K. Electrically stimulated contractile activity-induced transcriptomic responses and metabolic remodeling in C2C12 myotubes: twitch vs. tetanic contractions. Am J Physiol Cell Physiol. 2020 Dec 1;319(6):C1029-C1044.

Takegaki J, Ogasawara R, Kouzaki K, Fujita S, Nakazato K, Ishii N. The distribution of eukaryotic initiation factor 4E after bouts of resistance exercise is altered by shortening of recovery periods. J Physiol Sci. 2020 Nov 4;70(1):54.

Wakabayashi Y, Tamura Y, Kouzaki K, Kikuchi N, Hiranuma K, Menuki K, Tajima T, Yamanaka Y, Sakai A, Nakayama KI, Kawamoto T, Kitagawa K, Nakazato K. Acetaldehyde dehydrogenase 2 deficiency increases mitochondrial reactive oxygen species emission and induces mitochondrial protease Omi/HtrA2 in skeletal muscle. Am J Physiol Regul Integr Comp Physiol. 2020 Apr 1;318(4):R677-R690.

Tamura Y, Tomiya S, Takegaki J, Kouzaki K, Tsutaki A, Nakazato K. Apple polyphenols induce browning of white adipose tissue. J Nutr Biochem. 2020 Mar;77:108299.

Ochi E, Ueda H, Tsuchiya Y, Kouzaki K, Nakazato K. Eccentric contraction-induced muscle damage in human flexor pollicis brevis is accompanied by impairment of motor nerve. Scand J Med Sci Sports. 2020 Mar;30(3):462-471.

Tomiya S, Tamura Y, Kouzaki K, Kotani T, Wakabayashi Y, Noda M, Nakazato K. Cast immobilization of hindlimb upregulates sarcolipin expression in atrophied skeletal muscles and increases thermogenesis in C57BL/6J mice. Am J Physiol Regul Integr Comp Physiol. 2019 Nov 1;317(5):R649-R661.

18 小谷鷹哉（前体育研究所・助教　現東京大学大学院総合文化研究科・助教）

Uno H, Kamiya S, Akimoto R, Hosoki K, Tadano S, Kouzaki K, Tamura Y, Kotani T, Isemura M, Nakazato K. Low-frequency electrical stimulation of bilateral hind legs by belt electrodes is effective for preventing denervation-induced atrophies in multiple skeletal muscle groups in rats. Sci Rep. 2022 Dec 8;12(1):21275.

Kotani T, Tamura Y, Kouzaki K, Kato H, Isemura M, Nakazato K. Percutaneous electrical stimulation-induced muscle contraction prevents the decrease in ribosome RNA and ribosome protein during pelvic hindlimb suspension. J Appl Physiol (1985). 2022 Oct 1;133(4):822-833.

Jee E, Tamura Y, Kouzaki K, Kotani T, Nakazato K. Effect of different types of muscle activity on the gene and protein expression of ALDH family members in C57BL/6J mouse skeletal muscle. Appl Physiol Nutr Metab. 2022 Jul

1;47(7):775-786.

Kasai A, Jee E, Tamura Y, Kouzaki K, Kotani T, Nakazato K. Aldehyde dehydrogenase 2 deficiency promotes skeletal muscle atrophy in aged mice. Am J Physiol Regul Integr Comp Physiol. 2022 Jun 1;322(6):R511-R525.

Tamura Y, Jee E, Kouzaki K, Kotani T, Nakazato K. Effects of endurance training on the expression of host proteins involved in SARS-CoV-2 cell entry in C57BL/6J mouse. Physiol Rep. 2021 Sep;9(17):e15014.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. Repeated bouts of resistance exercise in rats alter mechanistic target of rapamycin complex 1 activity and ribosomal capacity but not muscle protein synthesis. Exp Physiol. 2021 Sep;106(9):1950-1960.

Kotani T, Takegaki J, Tamura Y, Kouzaki K, Nakazato K, Ishii N. The effect of repeated bouts of electrical stimulation-induced muscle contractions on proteolytic signaling in rat skeletal muscle. Physiol Rep. 2021 May;9(9):e14842.

Tamura Y, Kouzaki K, Kotani T, Nakazato K. Electrically stimulated contractile activity-induced transcriptomic responses and metabolic remodeling in C2C12 myotubes: twitch vs. tetanic contractions. Am J Physiol Cell Physiol. 2020 Dec 1;319(6):C1029-C1044.

Tomiya S, Tamura Y, Kouzaki K, Kotani T, Wakabayashi Y, Noda M, Nakazato K. Cast immobilization of hindlimb upregulates sarcolipin expression in atrophied skeletal muscles and increases thermogenesis in C57BL/6J mice. Am J Physiol Regul Integr Comp Physiol. 2019 Nov 1;317(5):R649-R661.

Takegaki J, Ogasawara R, Kotani T, Tamura Y, Takagi R, Nakazato K, Ishii N. Influence of shortened recovery between resistance exercise sessions on muscle-hypertrophic effect in rat skeletal muscle. Physiol Rep. 2019 Aug;7(13):e14155.

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 (1985). 2019 Jun 1;126(6):1673-1680.

19 橋本佑斗（体育研究所・助教）

Nihei S, Ogawa M, Hashimoto Y, Kikuchi N, Nakazato K, Okamoto T. Arterial stiffness and physical fitness on cognitive function in community-dwelling middle-aged and older adults. Aging Clin Exp Res. 2023 Jun; Epub ahead of print.

Hashimoto Y, Okamoto T. Peripheral Arterial Stiffness is Associated with Maximal Oxygen Uptake in Athletes. Int J Sports Med. 2023 Jul;44(9):634-641.

Ogawa M, Hashimoto Y, Mochizuki Y, Inoguchi T, Kouzuma A, Deguchi M, Saito M, Homma H, Kikuchi N, Okamoto T. Effects of free weight and body mass-based resistance training on thigh muscle size, strength and intramuscular fat in healthy young and middle-aged individuals. Exp Physiol. 2023 Jul;108(7):975-985.

Kikuchi N, Ohta T, Hashimoto Y, Mochizuki Y, Saito M, Kozuma A, Deguchi M, Inoguchi T, Shinogi M, Homma H, Ogawa M, Nakazato K, Okamoto T. Effect of Online Home-Based Resistance Exercise Training on Physical Fitness, Depression, Stress, and Well-Being in Middle-Aged Persons: A Pilot Study. Int J Environ Res Public Health. 2023 Jan 18;20(3):1769.

Okamoto T, Hashimoto Y. Decreases in Arterial Stiffness and Wave Reflection after Isometric Handgrip Training Are Associated with Improvements in Cognitive Function in Older Adults. Int J Environ Res Public Health. 2022 Aug

4;19(15):9585.

Ogawa M, Hashimoto Y, Kikuchi N, Okamoto T. Relationship between Vascular Structure and Function and Thigh Muscle Composition in Normal-Weight Middle-Aged and Older Men. Int J Gerontol. 2022 16(3):271-276.

Okamoto T, Hashimoto Y, Ogawa M. Central Haemodynamics Are Associated With Pulmonary Function in Postmenopausal Women. Heart Lung Circ. 2021 Nov;30(11):1778-1784.

Kikuchi N, Mochizuki Y, Kozuma A, Inoguchi T, Saito M, Deguchi M, Homma H, Ogawa M, Hashimoto Y, Nakazato K, Okamoto T. The Effect of Online Low-intensity Exercise Training on Fitness and Cardiovascular Parameters. Int J Sports Med. 2022 May;43(5):418-426.

Okamoto T, Kobayashi R, Hashimoto Y, Kikuchi N, Ogoh S. Is individual day-to-day variation of arterial stiffness associated with variation of maximal aerobic performance? BMC Sports Sci Med Rehabil. 2021 Jan 9;13(1):4.

Hashimoto Y, Okamoto T. Arterial Stiffness and Left Ventricular Diastolic Function in Endurance Athletes. Int J Sports Med. 2021 Jun;42(6):497-505.

Okamoto T, Hashimoto Y, Kobayashi R, Nakazato K, Willems MET. Effects of blackcurrant extract on arterial functions in older adults: A randomized, double-blind, placebo-controlled, crossover trial. Clin Exp Hypertens. 2020 Oct 2;42(7):640-647.

Okamoto T, Hashimoto Y, Kobayashi R. Isometric handgrip training reduces blood pressure and wave reflections in East Asian, non-medicated, middle-aged and older adults: a randomized control trial. Aging Clin Exp Res. 2020 Aug;32(8):1485-1491.

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 Oct;31(10):1451-1459.

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. 2019;41(5):452-459.

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

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

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. 2019;41(2):123-129.