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The Journal of Physical Fitness and Sports Medicine (JPFMSM)

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Invited Review articles and Short review articles

Volume 6 (No. 1 - No. 5, 2017)

Publication lists (Articles = 27 papers)

◆Invited review and short review article contents (2017)

Volume Number	Year	Review	Short review	Total
Vol. 6 No. 1	2017	4	2	6
Vol. 6 No. 2	2017	4	0	4
Vol. 6 No. 3	2017	3	2	5
Vol. 6 No. 4	2017	2	5	7
Vol. 6 No. 5	2017	4	1	5
Total		17	10	27

◆JPFSM : Vol.6, No. 1 (January, 2017) : 6 papers

<Review Articles>

1. **Human flexibility and arterial stiffness, Kenta Yamamoto** (*Faculty of Pharmaceutical Sciences, Teikyo Heisei University, 4-21-2 Nakano, Nakano-ku, Tokyo 164-8530, Japan*)
2. **Anticipation process of the human brain measured by stimulus-preceding negativity (SPN), Yasunori Kotani¹, Yoshimi Ohgami¹, Nobukiyo Yoshida², Shigeru Kiryu² and Yusuke Inoue³** (*¹Institute for Liberal Arts, Tokyo Institute of Technology, 2-12-1 Ohokayama, Meguro, Tokyo, ²Department of Radiology, Institute of Medical Science, University of Tokyo 4-6-1 Shirokanedai, Minato, Tokyo and ³Department of Diagnostic Radiology, Kitasato University School of Medicine, 1-15-1 Kitasato, Minami, Sagami-hara, Kanagawa, Japan*)
3. **Ischemic preconditioning: Potential impact on exercise performance and underlying mechanisms, Masahiro Horiuchi** (*Division of Human Environmental Science, Mt. Fuji Research Institute, 5597-1 Kenmarubi, Kamiyoshida, Fujiyoshida, Yamanashi 403-0005, Japan*)
4. **Study protocol and overview of the Kasama Study: Creating a comprehensive, community-based system for preventive nursing care and supporting successful aging, Tomohiro Okura¹, Taishi Tsuji², Kenji Tsunoda³, Naruki Kitano⁴, Ji-Yeong Yoon¹, Mahshid Saghazadeh¹, Yuki Soma⁵, Jieun Yoon¹, Mijin Kim⁶, Takashi Jindo⁴, Shaoshuai Shen⁶, Takumi Abe^{6,7}, Ayane Sato⁶, Shoko Kunika⁶, Keisuke Fujii⁶, Haruka Sugahara⁸, Miki Yano⁸ and Yasuhiro Mitsuishi⁹** (*¹Faculty of Health and Sport Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577, ²Center for Preventive Medical Sciences, Chiba University, 1-8-1 Inohana, Chuo-ku, Chiba, Chiba 260-8560, ³Faculty of Social Welfare, Yamaguchi Prefectural University, 3-2-1 Sakurabatake, Yamaguchi, Yamaguchi 753-8502, ⁴Physical Fitness Research Institute, Meiji Yasuda Life Foundation of Health and Welfare, 150 Tobuki, Hachioji, Tokyo 192-0001, ⁵Department of Social Medicine, Hirosaki University Graduate School of Medicine, 5 Zaifu-cho, Hirosaki, Aomori 036-8562, ⁶Doctoral Program in Physical Education, Health and Sport Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577, ⁷Japan Society for the Promotion of Science, Kojimachi Business Center Building, 5-3-1 Kojimachi, Chiyoda-ku, Tokyo 102-0083 and ⁸Master's Program in Health and Sport Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577, Japan*)

<Short Review Articles>

5. **Link between Blood Flow and Muscle Protein Metabolism in Elderly Adults, Hirofumi Zempo^{1,2}, Mitsuaki Isobe³ and Hisashi Naito²** (*¹Japan Society for the Promotion of Science, Kojimachi Business Center Building, 5-3-1 Kojimachi, Chiyoda-ku, Tokyo 102-0083, ²Graduate School of Health and Sports Science, Juntendo University, 1-1 Hiraga-gakuendai, Inzai, Chiba 270-1695 and ³Department of Cardiovascular Medicine, Tokyo Medical and Dental University, 1-5-45 Yushima, Bunkyo-ku, Tokyo 113-8510, Japan*)
6. **Effects of taurine administration on exercise-induced fatigue and recovery, Yumiko Takahashi and Hideo Hatta** (*Department of Sports Sciences, The University of Tokyo, 3-8-1 Komaba, Meguro-ku, Tokyo 153-8902, Japan*)

◆JPFSM : Vol. 6, No. 2 (March, 2017) : 4 papers

<Review Articles>

1. **Attention as a determinant of task performance: From basics to applications, Tetsuo Kida, Emi Tanaka and Ryusuke Kakigi** (*Division of Integrative Physiology, Department of System Neuroscience, National Institute for Physiological Sciences, 38 Nishigonaka, Myodaiji, Okazaki, Aichi 444-8585, Japan*)
2. **CDK inhibitors for muscle stem cell differentiation and self-renewal, Amrudha Mohan and Atsushi Asakura** (*Stem Cell Institute, Paul & Sheila Wellstone Muscular Dystrophy Center Department of Neurology University of Minnesota Medical School, Minneapolis, Minnesota 55455, USA*)
3. **Hypothalamic control of glucose and lipid metabolism in skeletal muscle, Yasuhiko Minokoshi** (*Division of Endocrinology and Metabolism, Department of Homeostatic Regulation, National Institute for Physiological Sciences, Okazaki, Aichi 444-8787 and Department of Physiological Sciences, School of Life Science, Sokendai (The Graduate University for Advanced Studies), Okazaki, Aichi 444-8585, Japan*)
4. **Role of satellite cells in skeletal muscle plasticity: Beyond muscle regeneration, Kotaro Tamura, Yasuro Furuichi, Yasuko Manabe and Nobuharu L. Fujii** (*Department of Health Promotion Sciences, Graduate School of Human Health Sciences, Tokyo Metropolitan University, Hachioji, Tokyo 192-0397, Japan*)

◆JPFSM : Vol. 6, No. 3 (May, 2017) : 5 papers

<Review Articles>

1. **Regulation of muscle protein metabolism by nutrition and exercise, Satoru Ato and Satoshi Fujita** (*Faculty of Sport and Health Science, Ritsumeikan University, 1-1-1 Noji-higashi, Kusatsu, Shiga 525-8577, Japan*)
2. **Role of biological rhythms in the performance of physical activity, Takahiro Sato¹, Takanori Ida^{2,3} and Masayasu Kojima¹** (*¹Molecular Genetics, Institute of Life Science, Kurume University, Fukuoka 839-0864, ²Division of Searching and Identification of Bioactive Peptides, Department of Bioactive Peptides, Frontier Science Research Center, University of Miyazaki, Miyazaki 889-1692 and ³Division of Research & Inspection for Infectious Diseases, Center for Animal Disease Control, University of Miyazaki, Miyazaki 889-1692, Japan*)
3. **Assessing sedentary behavior using wearable devices: an overview and future directions, Hiroyuki Sasai** (*Faculty of Medicine, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8575 and Japan Society for the Promotion of Science, 5-3-1 Kojimachi, Chiyoda, Tokyo 102-0083, Japan*)

[<Short Review Articles >](#)

4. **Grip Strength and Healthy Aging, Rumi Kozakai** (*School of Lifelong Sport, Hokusho University, 23 Bunkyo-dai, Ebetsu, Hokkaido 069-8511, Japan*)
5. **Heat stress induces mitochondrial adaptations in skeletal muscle, Yuki Tamura^{1,2} and Hideo Hatta³** (*¹Department of Exercise Physiology, Nippon Sport Science University, 7-1-1 Fukasawa, Setagaya, Tokyo, 158-8508, Japan ²Muscle Health Research Centre, School of Kinesiology and Health Science, York University, 4700 Keele St., Toronto, Ontario, M3J1P3, Canada and ³Department of Sports Sciences, The University of Tokyo, 3-8-1 Komaba, Meguro, Tokyo, 153-8902, Japan*)

◆JPFSM : Vol. 6, No.4 (July, 2017) : 7 papers

[<Review Articles>](#)

1. **Association between middle- to late-life physical performance and incident Alzheimer's disease: recent findings and potential mechanisms, Kenji Narazaki¹, Yu Nofuji² and Shuzo Kumagai³** (*¹Faculty of Socio-Environmental Studies, Department of Socio-Environmental Studies, Fukuoka Institute of Technology, 3-30-1 Wajiro-higashi, Higashi-ku, Fukuoka 811-0295, ²Health Promotion Research Center, Institute of Community Medical Practice, Japan Association for Development of Community Medicine, Todofuken Kaikan Bldg. 15F, 2-6-3 Hirakawa-cho, Chiyoda-ku, Tokyo 102-0093 and*

³Laboratory of Health and Exercise Epidemiology, Faculty of Arts and Science, and Graduate School of Human-Environment Studies, Kyushu University, 6-1 Kasuga-koen, Kasuga-shi, Fukuoka 816-8580, Japan)

2. **Mechanisms of Action of Compounds that Mimic Beneficial Effects of Calorie Restriction Such as Lifespan Extension: Is Taurine a Promising Candidate?**, **Shoko Nishizono¹, Zi Wang², Yukari Watanabe², Yoshihisa Ohata² and Takuya Chiba^{2,3}**
(¹Department of Applied Microbial Technology, Faculty of Biotechnology and Life Science, Sojo University, 4-22-1 Ikeda, Nishi-ku, Kumamoto 860-0082, ²Biomedical Gerontology Laboratory, Faculty of Human Sciences, Waseda University, 2-579-15 Mikajima, Tokorozawa 359-1192 and ³Institute of Applied Brain Sciences, Waseda University, 2-579-15 Mikajima, Tokorozawa 359-1192, Japan)

<Short Review Articles>

3. **Visualization of lipids in skeletal muscles by mass spectrometry imaging**, **Naoko Goto-Inoue¹, Tomohiko Sato¹ and Nobuharu L. Fujii²** (¹College of Bioresource Sciences, Nihon University, 1866 Kameino, Fujisawa, Kanagawa 252-0880 and ²Department of Health Promotion Sciences, Graduate School of Human Health Sciences, Tokyo Metropolitan University, 1-1 Minami-Osawa Hachioji, Tokyo, 192-0397, Japan)
4. **Creatine in the brain**, **Yuko Kurosawa and Takafumi Hamaoka** (Department of Sports Medicine for Health Promotion, Tokyo Medical University, 6-1-1 Shinjuku, Shinjuku-ku, Tokyo 160-8402, Japan)
5. **Effects of habitual exercise on blood pressure during aerobic and resistance exercise in older individuals**, **Takeshi Otsuki** (Faculty of Sport and Health Sciences, Ryutsu Keizai University, 120, Ryugasaki, Ibaraki 301-8555, Japan)
6. **Inner ocular blood flow response to exercise in healthy humans**, **Tsukasa Ikemura¹ and Naoyuki Hayashi²** (¹Faculty of Commerce, Yokohama College of Commerce, 4-11-1 Higashiterao Tsurumi-Ku Yokohama, Kanagawa, 230-8577 and ²Institute for Liberal Arts, Tokyo Institute of Technology, Ookayama, Meguro 152-8552, Japan)
7. **Molecular mechanism underlying nutritional control of inflammatory responses**, **Miyako Tanaka and Takayoshi Suganami** (Department of Molecular Medicine and Metabolism, Research Institute of Environmental Medicine, Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan)

◆JPFSM : Vol. 6, No. 5 (September, 2017) : 5 papers

<Review Articles>

1. **The role of sensory signals in perception of the body, Masanori Sakamoto** (*Department of Physical Education, Faculty of Education, Kumamoto University, 2-40-1 Kurokami, Kumamoto, 860-8555, Japan*)
2. **The brain science of exercise-eating linkage for improvements of modern human health, Takahiro Yoshikawa¹, Shin-ya Ueda², Akira Ishii¹, Yoko Yamano³, Katsuko Takada¹, Takashi Matsuo¹, Chika Nakamura¹ and Masato Uji¹** (*¹Department of Sports Medicine, Osaka City University Graduate School of Medicine, 1-4-3 Asahi-machi, Abeno-ku, Osaka City, Osaka 545-8585, ²Department of Acupuncture, Morinomiyama University of Medical Sciences, 1-26-16 Nankokita, Suminoe-ku, Osaka City, Osaka 559-8611 and ³Department of Food Science and Nutrition, School of Human Environmental Science, Mukogawa Women's University, 6-46 Ikebiraki-cho, Nishinomiya, Hyogo 663-8558, Japan*)
3. **Neuroscientific evidence for multisensory convergence and interaction, Emi Tanaka^{1,2}, Tetsuo Kida^{3,4}, Ryusuke Kakigi^{3,4} and Minoru Hoshiyama¹** (*¹Brain and Mind Research Center, Nagoya University, 1-1-20 Daiko-Minami, Higashi-ku, Nagoya, Aichi 461-8673, ²Japan Society for the Promotion of Science, 5-3-1 Koji-Machi, Chiyoda, Tokyo 102-0083, ³Department of Integrative Physiology, National Institute Physiological Sciences, 38 Nishigonaka, Myodaiji, Okazaki, Aichi 444-8585, ⁴Department of Physiological Sciences, School of Life Sciences, Graduate University for Advanced Studies (SOKENDAI), Hayama, Miura, Kanagawa 240-0193, Japan*)
4. **Mechanism of satellite cell regulation by myokines, Yasuro Furuichi and Nobuharu L. Fujii** (*Department of Health Promotion Sciences, Graduate School of Human Health Sciences, Tokyo Metropolitan University, 1-1 Minami-Osawa, Hachioji, Tokyo 193-0397, Japan*)

<Short Review Articles>

5. **Until it hurts? Epidemiology of musculoskeletal pain in youth sports, Masamitsu Kamada^{1,2,3}, Takafumi Abe^{3,4} and Jun Kitayuguchi³** (*¹Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, 401 Park Drive, 4th floor WEST, Boston, MA 02215, USA, ²Department of Physical Activity Research, National Institute of Health and Nutrition, NIBIOHN, 1-23-1, Toyama, Shinjuku-ku, Tokyo 162-8636, Japan, ³Physical Education and Medicine Research Center UNNAN, 328 Uji, Kamo-cho, Unnan, Shimane 699-1105, Japan and ⁴Center for Community-Based Healthcare Research*)

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