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)

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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 Kotani**, **Yoshimi Ohgami**, **Nobukiyo Yoshida**, **Shigeru Kiryu** and **Yusuke Inoue** *(Institute for Liberal Arts, Tokyo Institute of Technology, 2-12-1 Ohokayama, Meguro, Tokyo, Department of Radiology, Institute of Medical Science, University of Tokyo 4-6-1 Shirokanedai, Minato, Tokyo and Department of Diagnostic Radiology, Kitasato University School of Medicine, 1-15-1 Kitasato, Minami, Sagamihara, 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, Fujishinoda, Yamanachi 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 Okura**, **Taishi Tsuji**, **Kenji Tsunoda**, **Naruki Kitano**, **Ji-Yeong Yoon**, **Mahshid Saghazadeh**, **Yuki Soma**, **Jieun Yoon**, **Mijn Kim**, **Takashi Jindo**, **Shaoshuai Shen**, **Takumi Abe**, **Ayane Sato**, **Shoko Kunika**, **Keisuke Fujii**, **Haruka Sugahara**, **Miki Yano** and **Yasuhiro Mitsuishi** *(Faculty of Health and Sport Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577, Center for Preventive Medical Sciences, Chiba University, 1-8-1 Inohana, Chuo-ku, Chiba, Chiba 260-8560, Faculty of Social Welfare, Yamaguchi Prefectural University, 3-2-1 Sakurabatake, Yamaguchi, Yamaguchi 753-8502, Physical Fitness Research Institute, Meiji Yasuda Life Foundation of Health and Welfare, 150 Tobuki, Hachioji, Tokyo 192-0001, Department of Social Medicine, Hirosaki University Graduate School of Medicine, 5 Zaifu-cho, Hirosaki, Aomori 036-8562, Doctoral Program in Physical Education, Health and Sport Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577, Japan Society for the Promotion of Science, Kojimachi Business Center Building, 5-3-1 Kojimachi, Chiyoda-ku, Tokyo 102-0083 and Master's Program in Health and Sport Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577, Japan)*
5. **Link between Blood Flow and Muscle Protein Metabolism in Elderly Adults**, Hirofumi Zempo¹,², 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-gakuen-dai, 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  
(Sem 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 Furuchi, 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 Ida¹,² 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 Kajimachi, Chiyoda, Tokyo 102-0083, Japan)

<Short Review Articles>

4. Grip Strength and Healthy Aging, **Rumi Kozakai** (School of Lifelong Sport, Hokusho University, 23 Bunkyodai, Ebetsu, Hokkaido 069-8511, Japan)

5. Heat stress induces mitochondrial adaptations in skeletal muscle, **Yuki Tamura¹,² 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
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 Chiba2,3

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)

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
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 Yoshikawa**¹, **Shin-ya Ueda**², **Akira Ishii**¹, **Yoko Yamano**³, **Katsuko Takada**¹, **Takashi Matsuo**¹, **Chika Nakamura**¹ and **Masato Uji**¹ (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, Morinomiya 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**¹², **Tetsuo Kida**³⁴, **Ryusuke Kakigi**³⁴ and **Minoru Hoshiyama**¹ (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)

5. Until it hurts? Epidemiology of musculoskeletal pain in youth sports, **Masamitsu Kamada**¹²³, **Takafumi Abe**³⁴ and **Jun Kitayuguchi**³ (³Department 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
and Education (CoHRE), Shimane University, 223-8 Enya-cho, Izumo, Shimane 693-8501, Japan)