



2021 International Conference of the Korean Society of Exercise Physiology

2021년 한국운동생리학회 정기국제학술대회 및 총회

- *Beating the limits* -

Kyung Hee University, Aug 27th, 2021

| Room #1. Symposium Modulator: Young-Min Park (Incheon Nat'l Univ.) | | Room #2. Symposium & Free communication Modulator: Kyeong-Ho Byun (Incheon Nat'l Univ.) | |
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| Registration & Reception | | | |
| 08:30-09:00 | | | |
| 09:00-09:05 | Special lectures in Adaptive Physical Activity and Exercise Physiology Chair: Seung-Soo Baek (Sangmyung Univ.) & Kwang-Seok Hong (Chung-Ang Univ.) | 09:00-09:05 | Free Communication Chair: Ho-Jun Lee (Seoul Women's Univ.) & Hyo-Yeol Moon (Seoul Nat'l Univ.) |
| 09:05~09:30 | 1. Ji-Hyun Lee (San José State Univ.) <i>*On-line Lecture, USA</i> Physical activity research in autism: Rethinking the possibilities | 09:05-09:20 | 14. Dae-Hwan Kim (Kyung Hee Univ.) Effects of local cold and heat stimuli on cutaneous thermal sensitivity and inter-threshold zone |
| 09:30-09:55 | 2. Min-Hwa Suk (Seoul Nat'l Univ. of Education) Hippotherapy, physical activity and cerebral palsy | 09:25-09:40 | 15. Erling Guo (Chungnam Nat'l Univ.) <i>*On-line Lecture, China</i> Effect of exercise on NADPH oxidase and adiponectin in OVX rats |
| | | 09:45-10:00 | 16. Kyung-Wan Baek (Gyeongsang Nat'l Univ.) Effects of exercise on changes in M1/M2 macrophage polarization ratio in adipose tissue |
| 10:00-10:05 | Plenary lecture chair: Young-Pyo Kim (Jeju Nat'l Univ.) & Hong-Sun Song (Korea Institute of Sport Science) | | |
| 10:05~10:40 | Plenary lecture 3. So-Young Moon (Ajou Univ. Hospital) Exercise for dementia prevention | | |
| 10:40-10:45 | Symposium 1. Insight of Exercise Science Chair: Jung-Jun Park (Pusan Nat'l Univ.), Dae-Yeol Kim (Chonnam Nat'l Univ.) | 10:40-10:45 | Symposium 4. Sport Safety and Rehabilitation Chair: Min-Jung Kim (Hankuk Univ. of Foreign Studies), Han-Joon Lee (Univ. of Ulsan) |
| 10:45-11:10 | 4. Oh-Sung Kwon (Univ. of Connecticut) <i>*On-line Lecture, USA</i> Exercise-induced alterations in adropin level and vascular function with advancing age | 10:45-11:10 | 17. Eun-Wook Chang (Inha Univ.) Hamstring strain rehabilitation protocol for elite rugby athlete (case report) |
| 11:10-11:35 | 5. Manuel F Navedo (Univ. of California, Davis.) <i>*On-line Lecture, USA</i> Singularity: Spatial and temporal regulation of CaV1.2 by a single amino acid | 11:10-11:35 | 18. Yong-Woo An (Loyola Marymount Univ.) <i>*On-line Lecture, USA</i> Role of the brain in ACL injury & post-rehab |

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| 11:35-12:00 | 6. Hyun-Chul Jung (Kyung Hee Univ.) Vitamin D and exercise performance in taekwondo athletes | 11:35-12:00 | 19. Jin-Su Kim (Univ. of Florida) <i>*On-line Lecture, USA</i> Acute effect of moderate-intensity aerobic exercise on cardiovascular and pulmonary function in high ambient fine particulate matter environment: A pilot study |
| 12:00-13:00 | <p>Luncheon seminar Modulators: Seung-Soo Baek (Sangmyung Univ.) & Tae-Kyung Han (Andong Univ.) / Room #1: Hy Co., Ltd., Green Pharmaceutical Co., Ltd, 3RLabs (Footlogger), MDK system</p> <p>Build and disseminate an innovative sport science community Modulators: Tae-Beom Seo (Jeju Nat'l Univ.) Jin-Hwan Yoon (Hannam Univ.), Dong-Ho Park (Inha Univ.), Ki-Jin Kim (Keimyung Univ.), Bong-Seok Oh (SoonChon Univ.), Jae-Kyung Byeon (Chungbuk Nat'l Univ.), Jae-Ryang Yoon (Korea Nat'l Univ.), Hyung-Sook Kang (Dong-A Univ.), Dai-Hyuk Choi (Sogang Univ.), Duk-Joe Jung (Seowon Univ.), Chang-Sun Kim (Dong-Duk Women's Univ.), Jung-Jun Park (Pusan Nat'l Univ.), Min-Jung Kim (Hankuk Foreign Studies Univ.), Eun-Jung Kim (Jungwon Univ.)</p> | | |
| 13:00-13:30 | <p>E-posters Modulators: KiJeong Kim (Univ. of Ulsan) & Tae-Beom Seo (Jeju Nat'l Univ.) / Room #2: Tae-Woon Kim (Gyeongsang Nat'l Univ.), Kwang-Seok Hong (Chung-Ang Univ.), Soo-Hyun Park (Korea Institute of Sport Science) / Room #3: Eun-Ju Choi (Daegu Catholic Univ.), Chan-Sol Hurr (Jeonbuk Nat'l Univ.), Hyo-Youl Moon (Seoul Nat'l Univ.)</p> <p>Round tables (Room #4) Modulators: 1. Hyun-Tae Park (Dong-A Univ.), Min-Chul Lee (CHA Univ.), Kyeong-Ho Byun (Incheon Nat'l Univ.), 2. Ji-Seok Kim (Gyeongsang Nat'l Univ.), Ho-Jun Lee (Seoul Women's Univ.), Seung-Kyum Kim (Seoul Nat'l Univ. of Science and Technology), 3. Jin-Seok Lee (Korea Institute of Sport Science), Jinkyung Cho (Korea Institute of Sport Science), Seung-Soo Baek (Sangmyung Univ.)</p> | | |
| 13:30-13:40 | Opening Ceremony | | Modulator: Tae-Beom Seo (Jeju Nat'l Univ.) |
| 13:40-13:45 | Symposium 2 Japanese Society of Physical Fitness and Sport Medicine Chair: Hyun-Tae Park (Dong-A Univ.) & Min-Chul Lee (CHA Univ.) | 13:40-13:45 | Symposium 5. Exercise & Training: an Update Chair: Sae-Jong Park (Korea Institute of Sport Science) & Seok-Ki Min (Korea Institute of Sport Science) |
| 13:45-14:05 | 7. Takayuki Akimoto (Waseda Univ.) <i>*On-line Lecture, Japan</i> Exploring novel biomarkers for exercise-induced muscle damage. | 13:45-14:10 | 20. Hokyung Choi (Korea Institute of Sport Science) The association between the acute: chronic workload ratio and sports injuries in team sports |
| 14:05~14:25 | 8. Song-Gyu Ra (Tokushima Univ.) <i>*On-line Lecture, Japan</i> Physical activity modulates skeletal muscle thioredoxin-interacting protein(TXNIP) expression related to local glucose uptake. | 14:10~14:35 | 21. Jin-Seok Lee (Korea Institute of Sport Science) Sports science support for high performance: Focusing on sport-specific physical fitness |
| 14:25~14:45 | 9. Joji Kusuyama (Tohoku Univ.) <i>*On-line Lecture, Japan</i> Maternal exercise improves offspring metabolic health through epigenetics changes mediated by a novel placenta-derived protein. | 14:35~15:00 | 22. Jupil Ko (Incheon Nat'l Univ.) Functional performance deficits in chronic ankle instability |
| 14:45-15:05 | 10. Naoto Fujii (Univ. of Tsukuba) <i>*On-line Lecture, Japan</i> Intradermal microdialysis in exercise physiology. | | |

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| 15:05-15:20 | Question and answer | 15:00-15:20 | Coffee Break |
| 15:20-15:25 | Symposium 3. Exercise & Health: Molecular Aspects Chair: Hyo-Bum Kwak (Inha Univ.), Seung-Kyum Kim (Seoul Nat'l Univ. of Science and Technology) | 15:20-15:25 | Symposium 6. Exercise & Health in Women Chair: Chang-Sun Kim (Dongduk Women's Univ.), Tae-Kyung Han (Andong Univ.) |
| 15:25-15:50 | 11. Yea-Hyun Leem (Ewha Womans University Medical Center) The neurotransmission-modulatory role of exercise in BLA and hippocampus of chronic mild stressed mice: Focusing on adenosine and serotonin neurotransmission | 15:25-15:50 | 23. Soo-Hyun Park (Korea Institute of Sport Science) Understanding of the relative energy deficiency (RED)-related loss of reproductive and bone health in women |
| 15:50-16:15 | 12. Yuho Kim (Univ. of Massachusetts, Lowell) <i>*On-line Lecture, USA</i> 3D mitochondrial development in skeletal muscle of mice | 15:50-16:15 | 24. Young-Min Park (Incheon Nat'l Univ.) Sarcopenia and menopause in women |
| 16:15-16:40 | 13. HyunGyu Suh (Georgia Institute of Technology) <i>*On-line Lecture, USA</i> Cellular dehydration acutely degrade mood | 16:15-16:40 | 25. Hyo-Seong Yeo (Seoul Nat'l Univ. Bundang Hospital) Eccentric exercise and single muscle fiber contractile properties in women |
| 16:40-17:00 | Coffee Break | 16:40-17:00 | Coffee Break |
| 17:00-18:00 | Closing & 2021 Korean Society of Exercise Physiology (KSEP)'s Annual Meeting - 2021년 한국운동생리학회 정기총회 - | | |