



2025 KSEP Annual Meeting

2025년 한국운동생리학회 정기국제학술대회

A Better Tomorrow with Exercise Physiology

Gyeongbuk Nat'l Univ. & Andong Grand Hotel, April 10th(Thur.) - 12th(Sat.), 2025



Round Tables & Build and Disseminate an Innovative Sport Science Community

Moderator: Kyeongho Byun (Incheon Nat'l Univ.)

Date & Time

	<p>11:30-13:30 (Peppermint Hall, Andong Grand Hotel)</p>	<p>Round Tables: Counseling session for admission to graduate schools in Korea and abroad Moderators: Tae-Kyung Han (Gyeongbuk Nat'l Univ.) 1. Soo-Hyun Park (Korea Institute of Sport Science), Hyo-Yeol Moon (Seoul Nat'l Univ.), Jinkyung Cho (Sungkyunkwan Univ.) 2. Ji-seok Kim (Gyeongsang Nat'l Univ.), Kwang-Seok Hong (Chung-Ang Univ.), Seung Kyum Kim (Seoul Nat'l Univ. of Science and Technology), 3. Jung-Hyun Kim (Kyunghee Univ.), Dong-Min Kwak (Hanyang Univ.), Young-Min Park (Incheon Nat'l Univ.) 4. Min-Chul Lee (CHA Univ.), Kyeongho Byun (Incheon Nat'l Univ.) 라운드테이블 (교수+대학원생(교수당 1인) 약 50명 정도 진행 예정) 사전 확인자 참석 Only (위 명단 참석자로 2월 말 수정 및 홈페이지 공지)</p>
<p>10th (Thur.)</p>	<p>18:00-20:00 (Grand Fore Hall, Andong Grand Hotel)</p>	<p>Build and Disseminate an Innovative Sport Science Community Moderators: Seung Soo Baek (Sangmyung Univ.) Ho-Sung Lee (Dankook Univ.), Young-Pyo Kim (Jeju Nat'l Univ.), Dong-Ho Park (Inha Univ.), Bong-Seok Oh (SoonChon Univ.), Hyun-Tae Park (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. Korea), Kyeonglae Kim (Korea Nat'l Univ. of Education), I-Seop Kwak (Dong-Eui Univ.), Hong-Sun Song (Gyeongbuk Nat'l Univ.), Hyo-Bum Kwak (Inha Univ.), Kwang-Seok Hyun (Chungnam Nat'l Univ.), Tae-Kyung Han (Gyeongbuk Nat'l Univ.), Sae-Jeong Park (Korea Institute of Sport Science), Soo-Hyun Park (Korea Institute of Sport Science), Ji-seok Kim (Gyeongbuk Nat'l Univ.), Hyo-Yeol Moon (Seoul Nat'l Univ.), Kwang-Seok Hong (Chung-Ang Univ.), Jinkyung Cho (Sungkyunkwan Univ.), Seung Kyum Kim (Seoul Nat'l Univ. of Science and Technology), Young-Min Park (Incheon Nat'l Univ.), Jung-Hyun Kim (Kyunghee Univ.), Dong-Min Kwak (Hanyang Univ.), Hyun-Chul Jung (Kyunghee Univ.), Min-Chul Lee (CHA Univ.), Kyeongho Byun (Incheon Nat'l Univ.), Seungyong Lee (Incheon Nat'l Univ.), Tae-Woon Kim (Gyeongsang Nat'l Univ.), Jae-Seung Chang (Hannam Univ.) Eun-Sun Youn (Korea Nat'l Open Univ.), In-Whan Lee (Changwon Nat'l Univ.) 위 명단 참석자 확인 후 수정 (3월 초)</p>

Date & Time		<p align="center">Room 1. (Andong Grand Hotel, Grand Fore Hall)</p> <p align="center">Moderator: Young-Min Park (Incheon Nat'l Univ.)</p>
10 (Thur.)	14:00-14:55	Registration & Reception
	14:55-15:00	Symposium 1. Basic Exercise Science in Kinesiology Chair: Sang-Ki Lee (Chungnam Nat'l Univ.) & Moon-Hyon Hwang (Incheon Nat'l Univ.)
	15:00-15:20	1. Kyung-Wan Baek (Gyeongsang Nat'l Univ.) Transplantation of Exercise-enhanced Mesenchymal Stem Cells Improves Obesity and Insulin Resistance via Immune Modulation in Adipose Tissue
	15:20-15:40	2. Junchul Shin (Kyungbuk Nat'l Univ.) The Loss of Prolyl Hydroxylase Domain 2 Enhances Exercise Capacity and Muscle Angiogenesis
	15:40-16:00	3. Choung-Hun Kang (Inha Univ.) Exercise-Microbiome Interaction: New Insights into Optimizing Performance and Preventing Metabolic Diseases
	16:00-16:05	* Keynote Speaker: Exercise Physiology for a Better Tomorrow Chair: Eun Jung Yoon (Kongju Nat'l Univ.) & Seung Soo Baek (Sangmyung Univ.)
	16:05-16:35	*4. Dongsun Park (Dept. of Biology Education, Korea Nat'l Univ. of Education) Exercise: Exploring the Cell
	16:35-16:45	Break
	16:45-16:50	Joint Session between KISS and KSEP: Regional Sports Science & National Fitness Award Chair: Se-Jeong Park (Korea Institute of Sport Science) & Tae Bum Seo (Jeju Nat'l Univ.)
	16:50-17:10	5. Jung Jun Lim (Korea Institute of Sport Science) Innovation and Outcomes of Integrated Sports Science Support for National Athletes at the 2024 Paris Olympics
	17:10-17:30	6. Jiyoung Kim (Korea Institute of Sport Science) The Importance of Recovery After Competition and Training for Para Athletes: Applications for the 2024 Paris Paralympics
	17:30-17:50	7. Ju Ha Chung (Sport Science Center, Chungnam) The Role of Sports Science Support in Enhancing Performance of Regional Elite Athletes: Insights and Case Studies
18:00-20:00	Welcome Ceremony Build and Disseminate an Innovative Sport Science Community	

Date & Time		Room 1. Symposium (Room 1411, 4th Floor, College of Social Sciences Building W8, Gyeongguk Nat'l Univ.) Moderator: Seung-Kyum Kim (Seoul Nat'l Univ. of Science and Technology)	Room 2. Free Communication (Room 1113, 4th Floor, College of Social Sciences Building W8, Gyeongguk Nat'l Univ.) Moderator: Young-Min Park (Incheon Nat'l Univ.)
11 (Fri.)	07:50-08:00	Panel discussion: Impact of Exercise Physiology in Kinesiology (조찬 30-50명 제공 준비(스폰구하기, 샌드위치와 커피 등 음료)) Chair: Young-Pyo Kim (Jeju Nat'l Univ.) & Bong-Seok Oh (Sunchon Nat'l Univ.)	
	08:00-08:15	8. Seung Soo Baek (Sangmyung Univ.) Rehabilitation Exercise and Sports for Health Promotion of People with Disabilities	
	08:15-08:30	9. Kyeongho Byun (Incheon Nat'l Univ.) The Process of Exercise Intervention Studies in Human Subjects	
	08:30-08:45	10. Jung-Hyun Kim (Kyunghee Univ.) Methodological Approaches to Local, Systemic, and Environmental Hypoxia in Human Experimentation	
	08:45-09:00	Break	
	09:00-09:05	Symposium 2. Applied Exercise Science in Kinesiology Chair: Dong-Min Kwak (Hanyang Univ.) & Jae-Seung Chang (Hannam Univ.)	
	09:05-09:30	11. Young Ju Song (Kyung Hee Univ.) Deciphering Exercise at Molecular Levels	
	09:30-09:55	12. Hyun Seok Hwang (Baylor Univ., USA) <i>Online</i> Exercise-induced Ventricular Tachycardia and Sudden Cardiac Death	
	09:55-10:00	Break	
10:00-10:05	Symposium 3. Joint Symposium between JSPFSM and KSEP Chair: Takayuki Akimoto (Waseda Univ. Japan) & Jung-Hyun Kim (Kyunghee Univ.)		
10:05-10:30	13. Jin-Ho Koh (Yonsei University Wonju College of Medicine) Exercise-Induced Metabolic Reprogramming in Skeletal Muscle: The Role of Lactate		
		Session 1. Clinical exercise Science for Kinesiology Chair: Soo-Hyun Park (Korea Institute of Sport Science) & Eun-Sun Youn (Korea Nat'l Open Univ.)	
		21. Ji Hee Min (National Cancer Center) Exercise in Cancer Survivors	
		22. Daekyoo Kim (Korea Univ.) Plantar Somatosensory Restoration Enhances Gait, Speed Perception, and Motor Adaptation	
		Session 2 New approached studies in Exercise Science Chair: Kijeong Kim (Univ. of Ulsan) & Hyo-Yeol Moon (Seoul Nat'l Univ.)	
		23. Da Ae Kim (Korea Univ.) 2024 KSEP 우수박사논문상 Effect of Rhythmic Exercise on Physical Fitness, Inflammatory Cytokines, Dementia-Related Blood Variables and Cognitive Function in Elderly Women	

10:30-11:00	14. Sho Hatanaka (Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan) Optimizing Resistance Training: Adding a Focus on Skeletal Muscle Cell Mass to Skeletal Muscle Mass	24. Jin Yoo (Chonnam Nat'l Univ.) Therapeutic Effect of Exercise and miR-495-3p-I in MCAo Model
11:00-11:30	15. Woo-Hwi Yang (CHA Univ.) A Modified Formula for Calculating the Pure Maximal Glycolytic Rate (PvLa.max) Based on Metabolic Contributions During a 15-s Sprint Test	25. Ying-Ying Xiang (Gyeongsang Nat'l Univ. China) Effects of Lifelong Aerobic Exercise on Ferroptosis-related Gene Expressions in Kidney of Aged Mice
11:30-12:00	16. Hiroaki Eshima (Nagasaki International University Univ., Japan) Lipid Hydroperoxides Regulate Skeletal Muscle Adaptation Induced by Physical Activity Name: Hiroaki Eshima	Lunch Time (Luncheon Seminar 2 11:30~12:30 후원 모집 60인분)
12:00-13:30	Lunch Time (Luncheon Seminar1 12:00~13:00 후원 모집 60인분)	
13:30-13:50	Opening Ceremony Moderator: Kyeongho Byun (Incheon Nat'l Univ.) Opening Address Seung-Soo Baek (President of the Korean Society of Exercise Physiology) Welcome Address Tai-Joo Chung (President of Gyeongguk Nat'l Univ.) Congratulatory Speech OOO (President of 000 후원자 중)	
13:50-14:30	*Plenary lecture: Exercise Science for a Better Tomorrow Chair: Seung Soo Baek (Sangmyung Univ.) & Tae-Kyung Han (Gyeongguk Nat'l Univ.)	
14:30-15:30	*17.	
14:30-15:30	Hybrid Poster session (Paper poster presentation: 4th Floor Corridor, E-poster presentation: Room 1410, 4th Floor College of Social Sciences W8 Building) Tae-Kyung Han (Gyeongguk Nat'l Univ.), Jung-Hyun Kim (Kyunghee Univ.), Seung Kyum Kim (Seoul Nat'l Univ. of Science and Technology), Ji-seok Kim (Gyeongsang Nat'l Univ.), Kwang-Seok Hong (Chung-Ang Univ.), Dong-Min Kwak (Hanyang Univ.), Kyeongho Byun (Incheon Nat'l Univ.), Jae-Seung Chang (Hannam Univ.), Eun-Sun Youn (Korea Nat'l Open Univ.), Hyun-Chul Jung (Kyunghee Univ.), Hyo-Yeol Moon (Seoul Nat'l Univ.), Young-Min Park (Incheon Nat'l Univ.), Jinkyung Cho (Sungkyunkwan Univ.), Min-Chul Lee (CHA Univ.), In-Whan Lee (Changwon Nat'l Univ.) * 사전 포스터 심사를 통해 우수자(Young Investigator Reward) 발표 (포스터자리에 리본 부착 예정)	
15:30-15:35	Symposium 4. Exercise Physiology and Performance Enhancement Chair: Ji-Seok Kim (Gyeongsang Nat'l Univ.) & Kwang-Seok Hong (Chung-Ang Univ.)	Session 3 Circadian Rhythms: Implications for Sleep, Metabolism, and Cardiovascular Health (Online) Chair: Hyun-Chul Jung (Kyunghee Univ.) & Jinkyung Cho (Sungkyunkwan Univ.)
15:35-16:00	18. Dong-Hyun Lee (Chung-Ang Univ.) 2024 KSEP 최우수박사논문상 Effects of 16-week Combined Exercise and Probiotics Interventions on Cardiovascular Function, Gut Microbiota and Cognitive Function in Older Adults with Severe Alzheimer's Disease	26. Insung Park (International Institute for Integrative Sleep Medicine, Univ. of Tsukuba) Metabolic Flexibility during Sleep

16:00-16:25	19. Sol-Yi Park (Wonju College of medicine, Yonsei Univ.) Exercise-induced PPAR β as a Key Regulator of Protein Quality Control in Skeletal Muscle	27. Jaehoon Seol (Univ. Tsukuba, Japan) Readjustment of Circadian Clocks by Exercise Interventions Is a Potential Therapeutic Target for Sleep Disorders
16:25-16:50	20. Jin-Soo Kim (Edith Cowan Univ., Australia) Myokines in Cancer Biology: Translational Approach in Exercise Oncology	28. Sookyung Choi (Yonsei Univ.) Involvement of Endocan in Vascular Dysfunction in Angiotensin II-Induced Hypertensive Mice
16:50-17:00	Awards & Prize draws	
17:00-18:00	제 36차 정기총회	

Date & Time		Travels & Farewell
		Moderator: Kyeongho Byun (Incheon Nat'l Univ.)
	08:00-11:00	Travels in Andong, Korea : Dosanseowon (https://www.andong.go.kr/dosanseowoneng/main.do and abroad) Hahoe Village Area (https://www.tourandong.com/eng/sub1/sub1.cshtml) Bongjeongsa Area (https://www.tourandong.com/eng/sub1/sub3.cshtml) Downtown Area (https://www.tourandong.com/eng/sub1/sub5.cshtml) Yeokdong Seowon (Yeokdong Private Confucian Academy, https://www.grandculture.net/andong/toc/GC02400696)
12 th (Sat.)	11:00-12:00 (Gyeongbuk Nat'l Univ.)	Closing See you at 2026 KSEP Annual Meeting (The Ocean Resort, Yeosu, https://theoceanresort.co.kr/intro.do)
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