



POSTER PRESENTATIONS

18th August 2026

Poster Presentation 1 (14:30 - 15:30)

Theme: Environmental Stress and Health Related Outcomes

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB23	Hikaru Enomoto	Sagami Women's University	Heatstroke In East And Southeast Asian Countries
2	AB62	Lily Rozana Joehann Aung	Heat Resilience & Performance Centre, Yong Loo Lin School of Medicine, National University of Singapore, Singapore	The High Cost of Delivery: Physiological Impacts of Prolonged Heat Exposure on Delivery Riders
3	AB159	Masahiro Horiuchi	National Institute of Fitness and Sports in Kanoya	Japanese steam sand bath heat therapy mediates comparable reductions in blood pressure with smaller discomfort and respiratory strains than hot water immersion and sauna

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Poster Presentation 1 (14:30 - 15:30)

Theme: Clothing and Human-Environment Interaction

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB41	Kameda Maho	Hokkaido University	Feasibility Of Estimating Clothing Insulation Using Infrared Thermography In A Thermoneutral Environment
2	AB63	Suhyeon Yeom	Seoul National University	Thermodynamic Characteristics Of Skin Penetration By Local Radiant Heaters For Wearable Heating Applications
3	AB204	Syifa Salsabila	Seoul National University	Effects Of Various Commercial Cooling Garments On Reducing Heat Strain In A Hot And Humid Environment: A Pilot Study

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Poster Presentation 1 (14:30 - 15:30)

Theme: Heat Stress and Human Performance

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB29	George Woon Lukic	Universiti Malaya	Comparing the Effect of Full Versus Partial Range of Motion Training on Hypertrophy and Strength Development
2	AB35	Yoon Jeong Baek	Research Institute Of Human Ecology, Seoul National University	Effects Of Wet Cooling Sheet Temperature On Physiological Heat Strain Relief With Ice Packs In A Hot Environment
3	AB57	Hui Wen Darine Choo	High Performance Sport Institute	The Effects Of Carbonated Cold Water Immersion Of The Arm During Half-Time On Intermittent Exercise Performance In The Heat
4	AB78	Aoka ICHIKAWA	University Of Tsukuba	Hyperoxic Air Inhalation Does Not Affect Gastrointestinal Damage Or Function Following High-Intensity Running In The Heat
5	AB100	Damien Bovalino	Victoria University	Effects Of Short-Term Heat Acclimation On Endurance Cycling Performance In The Heat
6	AB125	Jinhao Wang	Shanghai Research Institute Of Sports Science (Shanghai Anti-Doping Agency)	Effects Of High-Temperature And High-Humidity Training On Laser Run Performance In Modern Pentathlon
7	AB127	Chenhao Tan	Shanghai Research Institute Of Sports Science (Shanghai Anti-Doping Agency)	EEG Characteristics Of Incremental Exercise To Exhaustion In Hot Environments: Evidence From Professional Athletes
8	AB156	Koji Muraishi	Rikkyo University, Meijigakuin University	Exploring Factors Influencing The Decline Rate In Intermittent Exercise Performance Under Heat Stress: A Correlation Analysis Using Heat Tolerance Tests
9	AB212	Xiang Gao	Shanghai University Of Sport	Time Course Of Inhibitory Control And Prefrontal Hemodynamic Responses During Passive Heat Exposure And Exercise At Different Intensities In The Heat

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Poster Presentation 1 (14:30 - 15:30)

Theme: Nutrition and Hydration Strategies in Challenging Environments

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB36	Kyoko Fujihira	Tokyo University of Technology	Glycemic and gastrointestinal responses to temperature-varied rice porridge in healthy adults: a randomised crossover trial
2	AB145	Jiaojiao Lu	Shanghai Research Institute of Sports Science (Shanghai Anti-doping Agency)	Effects of Exercise Heat Stress on Gut Barrier Function and Microbiota During Heat Acclimation in Elite Modern Pentathlon Athletes: An Exploratory Study
3	AB182	Juthamard Surapongchai	Faculty Of Physical Therapy, Mahidol University, Nakhon Pathom, Thailand	Hydration Benefits And Behavioral Time Cost Of Prescribed Versus Ad Libitum Drinking During Half-Marathon Running In Older Adults

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Poster Presentation 1 (14:30 - 15:30)

Theme: High Altitude Physiology and Ergonomics

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB90	Xi Wang	Shanghai Research Institute Of Sports Science	The Characteristics Of Metabolic Changes Before And After Repeated-Sprint Training In Hypoxia Based On Non-Targeted Metabolomics In Elite Athletes

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Poster Presentation 1 (14:30 - 15:30)

Theme: Climate Extreme and Occupational population

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB61	Zhexin Zhang	Heat Resilience & Performance Centre, Yong Loo Lin School Of Medicine, National University Of Singapore, Singapore	Perceptions, Attitudes And Behaviours Of Delivery Riders Towards Occupational Heat Stress And Kidney Health
2	AB135	Livia Delattre	Université Du Québec À Trois-Rivières	Risk Of Heat Injury Among Firefighters According To Ambient Temperature And Humidex
3	AB185	Bethany Skinner	University Of Birmingham	The Influence Of Rest And Water On Self-Paced Exercise In Hot Conditions

18th August 2026

Poster Presentation 1 (14:30 - 15:30)

Theme: Cold Environments: Survival, Adaptation, and Performance

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB74	Martin Barwood	Leeds Trinity University, Leeds, West Yorkshire, U.K	Heated seats for soccer substitutes to enhance performance, perception and health prior to pitch entry
2	AB150	Birhanu Zeleke Tilinti	Environmental Ergonomics, Faculty Of Engineering, Hokkaido University, Sapporo, Japan	Effects Of 4-Week Beetroot Consumption On Local Blood Circulation During Vascular Occlusion And Hand Cold Immersion: A Single-Group Pilot Study In Healthy Adults