

Lunch Poster Session | Odd Poster Numbers: 12:15pm-2pm

Name		Abstract Title	Presentation Type	Poster/Demo Number
Scott	Uhlrich	Opencap: Motor Control and Musculoskeletal Forces From Smartphone Videos	Demo	1
Shivani	Guptasarma	Immersive Simulation for Intelligent Prosthetic Arms	Demo	39
Yeongjun	Lee	High-density Wearable Skin Surface Bioelectric Monitoring Systems	Demo + Poster	35
Samuel	Benabou	Closed Your Rings?: Estimating Energy Expenditure in the Real-World Using Wearable Technology	Poster	3
Kristin	Whitney	Boston Marathon Prospective Study: Medical and Performance Outcomes Associated with Indicators of Low Energy Availability	Poster	5
Anthony	Gatti	Estimation of Knee Cartilage Pressures During Cycling	Poster	7
Aidan	Glina	Transcriptional Rhythms of Exercise Revealed in Large-scale Human Datasets Through Algorithmic Comparison	Poster	9
Nicolas	Philipp	Changes in Countermovement Jump Force-Time Characteristic in Elite Male Basketball Players: A Season-Long Analyses	Poster	11
Grace	Privett	Acute Skeletal Muscle Fatigue Reduces Cellular Passive and Active Stiffness	Poster	13
Meghan	Keating	Dual-Energy X-ray Absorptiometry Percent Fat Z-score as a Predictor of Female Athlete Menstrual Status	Poster	15
Damjana	Cabarkapa	Relationship Between Internal and External Training Load in Professional Male Volleyball Players	Poster	17
Tatum	Boyd	Best Practices for Translation of Sports Science Information to Young Female Athletes	Poster	19
Alexander	Tolas	Genetic Determinants of Elite Endurance Performance	Poster	21
Shawn	Schwartz	Leveraging Signals of Sustained Attention and Cognitive Control to Optimize Episodic Memory Performance	Poster	23
Katie	Knaus	Multiscale Computational Modeling of Regional Skeletal Muscle Mechanical and Molecular Response to Acute Exercise	Poster	25
Malley	Gautreaux	Synovial-cartilage Organoids for Pre-clinical Modeling of Knee Trauma	Poster	27
Severin	Ruoss	Spatial Transcriptomics In Skeletal Muscle	Poster	29
Reed	Gurchiek	Comparison of Hamstring Kinematics During Accelerative vs Non-accelerative Running	Poster	31
Laura	van Rosmalen	Mouse Model for Relative Energy Deficiency in Sports (RED-S)	Poster	33
Yotam	Voskoboynik	Boolean Implication Network Shows Macrophage Polarization Activations Due to Short and Long Term Exercise	Poster	37

Reception Poster Session | Even Poster Numbers: 4:45pm-6pm

Name		Abstract Title	Presentation Type	Poster/Demo Number
Kaylee	Meyers	Pledget Sensor to Monitor Tendon and Ligament Suture Force During Physical Therapy	Demo	38
Kyun Kyu (Richard)	Kim	Spray-on Smart Skin for Daily Electronics	Demo + Poster	36
Jonathan	Dorogin	Moderate-affinity Affibodies for Tunable Co-delivery of Immunomodulatory and Osteogenic Proteins	Poster	2
Ming	Sun	Pleiotropic Impact of 8 Weeks of Voluntary Wheel Running on Tissue Transcriptome in Mice	Poster	4
Max	Andrews	Multiscale Hamstring Muscle Adaptations Following a Nine Week Eccentric Training Program: Preliminary Results	Poster	6
Alis	Balayan	Characterization of Patient-derived Human Satellite Cells Enriched with a Single Pre-plating Step	Poster	8
Xuchao	Lyu	Systematic Mapping of Exercise-secreted Factors at Cell Type-specific Resolution	Poster	10
Dimitrije	Cabarkapa	Salivary Testosterone and Cortisol Changes During a Game in Professional Male Basketball Players	Poster	12
Emily	Karolidis	The Lower-extremity Biomechanical Response to Soccer Cleat Stud Shape	Poster	14
Rose "Rory"	Kelly	Menopause and Athletes: A Mixed Methods Progress Report	Poster	16
Katie	Lucernoni	Sex Differences in the Erythropoietin Response to Hot Tub Treatment and Carbon Monoxide Inhalation	Poster	18
Annabelle	Fowler	Network Model of Myocyte Cell Signaling Predicts Muscle Phenotypic Responses to Resistance and Endurance Exercise	Poster	20
Julia	Harrer	Effects of Early Rehabilitation on Functional Recovery Following Femoral Bone Defect	Poster	22
Victor	Lewis	Early Exercise Disrupts Hyaluronic Acid Synthesis to Impede Zebrafish Fin Regeneration	Poster	24
Swithin	Razu	Movement Screening Beyond the Lab: Kinematic Comparison of Three Emerging Technologies	Poster	26
Jaeho	Park	A Wearable System to Monitor Multi-modal Mental Health Biomarkers for Optimized Human Performance	Poster	28
Kristy	Hamilton	The Living Conversation on Human Performance	Poster	30
Tiffany	Stewart	Physical & Mental Resilience in Female Athletes: A Pilot Study	Poster	32
Tom	Van Wouwe	Musculoskeletal Specialization and Strength Training for Sprinting and Distance Running	Poster	34