

<div>MORNING POSTER SESSIONS (1 & 2)</div> <div>Areas V & S</div>	<div>AFTERNOON POSTER SESSIONS (3 & 4)</div> <div>Areas U & R</div>
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<div>POSTER SESSION 1 (Concurrent Sessions)</div> <div>11:05-11:20</div> <div>Poster Presentations by 1st author (3 min)</div> <div>Moderated by the Scientific Commission</div>	
Area V	Area S
<div>V 1.01 Aptamer-Based BioFET System for Multiple Urinary Biomarker Detection with Future Smart Toilet Integration: Creatinine Detection and GFR Estimation Beatriz Sequeira-Antunes, Ana S. Viana, Ana Francisca Martins, Nuno Marujo, Susana Cardoso, Hugo Alexandre Ferreira</div> <div>V 1.02 Human skin cartography of epidermal water physiology - analysis of the Proportional Skin Index across regions Ana Júlio, Ana Júlia F. Garcia, Catarina Pereira-Leite, Leticia Kakuda, Patricia M. B. G. Maia Campos, Luís Monteiro Rodrigues</div> <div>V 1.03 Sunscreens as Anti-Aging Tools: Exploring the Bioactivity of Ascorbyl Tetraisopalmitate and D-Panthenol Ana Júlio, Ana Júlia F. Garcia, Catarina Pereira-Leite, Rebeca André, Patrícia Rijo, Leticia Kakuda, Patricia M. B. G. Maia Campos, Luís Monteiro Rodrigues</div> <div>V 1.04 Enhanced Contextual Traumatic Memory Persists Despite Unaltered Fear Acquisition and Anxiety in Mild Diabetes Mariana Cruz, João Munhoz, Helena Fernandes, Paulo Correia-de-Sá, Mónica Moreira-Rodrigues</div> <div>V 1.05 Uncovering Unique Patterns of Ovarian Ageing in the Cat Miriam Freitas, Natália Rigos, Luís Montenegro, Ana Martins-Bessa, Henrique Almeida, Elisabete Silva</div>	<div>S 1.11 Shifting from one-size-fits-all to an individualised VO2 plateau attainment Gabriela Dália Costa, Luís Rama, Dan Gordon, Paulo Sousa-e-Silva</div> <div>S 1.12 Impact of Concurrent Training on Body Composition and Physical Fitness in Karate Practitioners: A Longitudinal Study with Training Load Monitoring João Mota Neves, João Paulo Brito, Rafael Oliveira</div> <div>S 1.13 Internal Load Characterization of a Surfing Session: a Case Study Miguel Veriato, Rafael Oliveira, João Brito</div> <div>S 1.14 Comparison of small-sided games in young football players Rafael Oliveira, João Sousa, Dinis Almeida</div> <div>S 1.15 Influence of variations in external and internal load and well being on the changes in body composition and anthropometrics of an elite women's professional soccer team Sara Branco, Renato Fernandes, Rafael Oliveira, João Paulo Brito, Luís Branquinho, Ricardo Ferraz</div>
<div>POSTER SESSION 2 (Concurrent Sessions)</div> <div>11:25-11:40</div> <div>Poster Presentations by 1st author (3 min)</div> <div>Moderated by the Scientific Commission</div>	
Area V	Area S
<div>V 2.06 Analysis of Placebo-Induced Neurological Responses and its Physiological Consequences Mário Jorge Ferro, Hugo Ferreira</div> <div>V 2.07 Active Learning for Health Literacy: Teaching Physiology across Educational Levels Carolina Pires, Elisabete Silva, Marta Esgalhado, Marisa Nicolai, Luís Monteiro Rodrigues</div> <div>V 2.08 Physiology Education in Health Sciences: Comparing Student Perspectives in Universities and Polytechnics João Gregório, Luís Monteiro Rodrigues</div> <div>V 2.09 Teaching Human Physiology to Biomedical Engineering students: unique challenges, innovative solutions Hugo Alexandre Ferreira, Tânia Ferreira-Gonçalves</div> <div>V 2.10 Comparison between the European Society of Cardiology and the American Heart Association Guidelines' cutoffs for Arterial Hypertension diagnosis Nora Taiek, El Hangouche Abdelkader Jalil</div>	<div>S 2.16 Phase angle characterization of a touch rugby athlete with total rupture of anterior cruciate ligament – A case study Rafael Oliveira, Alexandre Martins, João Brito</div> <div>S 2.17 Psychological, physiological and motor competence metrics: what does drive injury in young footballers? Cristiana Mercê, Bárbara Tavares, Tiago Vasconcelos, Mafalda Bernardino, Fernando Santos, Rafael Oliveira</div> <div>S 2.18 Musculoskeletal injuries in CrossFit: comparison of rates per 1 000 hours of training and body region between Portuguese and International Practitioners - A Review Beatriz Café, João Soares, Rafael Oliveira, Carlos Mata, Renato Fernandes</div> <div>S 2.19 Electroencephalographic and cognitive task analysis of working memory and attention in athletes: A systematic review Pedro Delgado, Hugo Alexandre Ferreira, Francisco Tavares, Pedro Passos</div>
<div>POSTER SESSION 3 (Concurrent Sessions)</div> <div>16:35 – 16:50</div> <div>Poster Presentations by 1st author (3 min)</div> <div>Moderated by the Scientific Commission</div>	
Area U	Area R
<div>U 3.20 Novel 2D Fast Fourier Transform-Based Vertical Artifact Filtering Method Applied to Lung Ultrasound Videos of COVID-19 Patients Duarte Oliveira-Saraiva, João Leote, Filipe André Gonzalez, Nuno Cruz Garcia, Hugo Alexandre Ferreira</div> <div>U 3.21 Blood Pressure Profile of Young Healthy Adults Nora Taiek, El Hangouche Abdelkader Jalil</div> <div>U 3.22 Unbalance between pro-fibrotic P2Y2 and P2Y4 and anti-fibrotic P2Y11 purinoceptors' tone underlying cardiac fibrosis in rats with pulmonary arterial hypertension Rafael Neiva, Maria Adelina Costa, Paulo Correia-de-Sa</div> <div>U 3.23 Comparison of Two Laser Doppler Probes in Assessing Microcirculation in the Upper Limb Elisabete Silva, Marisa Nicolai, Alexandre Miguel Cordeiro, Clemente Rocha, Luís Monteiro Rodrigues</div> <div>U 3.24 Reactive Hyperemia – looking for mechanistic reasonings in glabrous and non-glabrous skin Marisa Nicolai, Joana Caetano, Elisabete Silva, Clemente Rocha, José D Alves, Luís Monteiro Rodrigues</div>	<div>R 3.30 Beyond Body Condition Score: DEXA-Driven Insights into Feline Fat Distribution and Diabetes Risk Nuno Oliveira Rosa, Luís Monteiro Rodrigues</div> <div>R 3.31 Cinnamaldehyde, silibinin and sulforaphane potentiate the release of GLP-1 and PYY from gut cells Diana Sousa, Paulo J. Oliveira, João Malva, Paulo Matafome</div> <div>R 3.32 Acute and Chronic Multimodal Responses to Whole-Body Electromyostimulation (WB-EMS): Integrating Cardiovascular, Neurological and Metabolic Biomarker Dynamics Flávio Ferreira, Hugo Ferreira, Henrique Silva</div> <div>R 3.33 Exploring the Role of Dietary (Poly)phenols in Pancreatic Cell Transdifferentiation Regina Menezes, Maria Inês Farrim, Andreia Gomes, Diogo Silva, Dragan Milenkovic</div>
<div>POSTER SESSION 4 (Concurrent Sessions)</div> <div>17:00 – 17:15</div> <div>Poster Presentations by 1st author (3 min)</div> <div>Moderated by the Scientific Commission</div>	
Area U	Area R
<div>U 4.25 TALUS: A scalable PPG-based platform for cardiovascular tele-monitoring and AI-driven clinical insights João A. Brito, Hugo Ferreira, Sérgio Laranjo</div> <div>U 4.26 Exploring Non-Invasive Optical Technologies for Improved Circulatory Monitoring Clemente Rocha, Alexandre Miguel Cordeiro, Elisabete Silva, Marisa Nicolai, Luís Monteiro Rodrigues</div> <div>U 4.27 Differentiating VEDOSS and established Systemic Sclerosis – Insights from capillaroscopy and functional microcirculatory assessment Joana Caetano, Marisa Nicolai, Elisabete Silva, Clemente Rocha, Alexandre Cordeiro, José Delgado Alves, Luís Monteiro Rodrigues</div> <div>U 4.28 Cold-Induced microcirculatory adaptive changes in Raynaud's Phenomenon Joana Caetano, Marisa Nicolai, Elisabete Silva, Clemente Rocha, Alexandre Cordeiro, José Delgado Alves, Luís Monteiro Rodrigues</div> <div>U 4.29 Smoke Signals - reactive hyperemia detects early homeostatic adaptive stress in young light smokers Marisa Nicolai, Elisabete Silva, Alexandre M. Cordeiro, Clemente Rocha, Luís Monteiro Rodrigues</div>	<div>R 4.34 Urolithin B Modulates IAPP Aggregation and Preserves β-cell Physiology via Mitochondrial and Calcium Signaling Pathways Regina Menezes, Sofia Ferreira, Ana Filipa Raimundo, Mehmet Akdag, Maria Inês Farrim, Vânia Pobre, Mafalda Lopes-da-Silva, Marta Martins, José Brito, Márcia Garcez, Catarina Homem, Nuno Saraiva, Tessa Sinnige, Claudia Nunes dos Santos</div> <div>R 4.35 ProlAPP Accumulation as a Marker of β-Cell Dysfunction and Amyloid Risk in Type 2 Diabetes Regina Menezes, Andreia Gomes, Emília Borba, Rita Andrade, Maria Inês Farrim, Paula Pinto, João Raposo, Rogério Ribeiro</div> <div>R 4.36 Associations Between Body Composition and Physical Fitness in Women Diagnosed with Fibromyalgia Mónica Sousa, Susana Alves, Pablo Tomas-Carus, João Moutão, Cristiana Mercê, Rafael Oliveira</div> <div>R 4.37 Body composition and physical fitness characterization in a patient with cerebellar ataxia and multiple sclerosis - A case study Rafael Oliveira, Matilde Nalha, João Brito</div>