

Scientific Poster Presentation Schedule

Our congress includes three poster sessions:

- Session 1 - October 8th, 17:00 - 18:15
- Session 2 – October 9th, 10:45 – 12:15
- Session 3 – October 9th, 16:30 – 17:15

Each session includes two presentation zones, designed R and L

Posters will be displayed on the respective morning or afternoon of the congress day. Presenting authors are expected to be in attendance / by their posters during the designated session hours. Each presenting author will have the opportunity to offer a “Flash Presentation” of their work to a jury during these hours, as noted in the [Poster Presentation Guidelines](#).

POSTER SESSION 1, ZONE L (Oct 8th 17:00 - 18:15)	
Poster Code	Title, Authors
PP.ED.L01	Bridging Theory and Function: A Comprehensive, Low-Cost Laboratory Protocol for Evaluating the Autonomic Nervous System in Undergraduate Physiology Cristina Sena
PP.ED.L02	Medical Students’ Perception Toward Physiology Courses According to Lecture Attendance: Pilot Study Wiam Hamidi & Abdelkader Jalil El Hangouche
PP.ED.L03	Perceptions of Physiology Differ Between Medicine and Other Health Sciences Students João Gregório & Luís Monteiro Rodrigues
PP.ED.L04	Can active learning methodologies contribute to learning and reduce test anxiety in first-year university students? Fernanda Klein Marcondes, Ana Luisa Betiolli, & Maria Antonia Ramos de Azevedo
PP.CM.L05	An adipose tissue-specific bacterial signature in individuals with impaired glucose metabolism Daniela Rosendo-Silva, Sofia Viana, Flávio Reis, & Paulo Matafome
PP.CM.L06	Prolyl 4-hydroxylase subunit alpha 3 and collagen maturation as regulators of triple-negative breast cancer cell physiology Sandra Ferreira, Sofia Ramos, & Ana Fernandes
PP.CM.L07	Molecular Mechanisms of Urocortin-2 in Heart Failure with Preserved Ejection Fraction Mariana Carvalho Magalhães, Lucas Gamito, Dina Cosme, Rui Adão, & Carmen Brás Silva
PP.CM.L08	Cellular Heterogeneity of Senescence-Associated Signatures in the Aged Mouse Ovary Natália Rigos, Miriam Freitas, Anabela Pinto, Sara Ricardo, Micheline Misrahi, Henrique Almeida, & Elisabete Silva
PP.CM.L10	In Vitro Evaluation of Ascorbyl Tetraisopalmitate and D-Panthenol as Sunscreen Actives Rebeca André, Ana Júlio, Ana Júlia Garcia, Vera Isca, Catarina Pereira-Leite, Letícia Kakuda, Patrícia M. B. G. Maia Campos, Patrícia Rijo, & Luís Monteiro Rodrigues
PP.CM.L11	The Role of GLUT1 and PLIN2 in the Progression of Ovarian Tumors Miriam Freitas, Natália Rigos, Elisabete Silva, Sara Ricardo, & Henrique Almeida

POSTER SESSION 1, ZONE R (Oct 8th 17:00 - 18:15)	
<i>Poster Code</i>	<i>Title, Authors</i>
PP.NS.R12	Open-label Placebo vs Deceptive Placebo: Comparative Analysis using EEG Mário Jorge Ferro & Hugo Ferreira
PP.NS.R13	Kinematically Accurate Clonic Seizure Movement Simulation Robot Rodrigo Saraiva, Vicente Mayer Garção, & Hugo Plácido da Silva
PP.NS.R14	Potential of the Antitumour Action of Intracellular Adenosine by Adenosine Receptor Blockade in Glioblastoma Maria Arsénio, Diana Cunha-Reis, Teresa Pinheiro, & José Francisco Cascalheira
PP.NS.R15	The carotid body ablation selectively rescues non-motor dysfunction without altering nigral pathology in a mouse model of Parkinson's disease Inês Ferreira de Almeida, Contança Fernandes, Rafael Carecho, Sofia Pascoal, Luís Sousa, Sílvia Vilares Conde, & Hugo Vicente Miranda
PP.NS.R16	The D-galactose model of mimetic ageing in the rat presents altered synaptic physiology, cognition, response to novelty and motor behaviour. Marta Gil, Vasco Guerreiro-Pinto, José Diogo Carvalho-Rosa, & Diana Cunha-Reis
PP.NS.R17	Differential neuroinflammatory responses in brainstem and hippocampus in the ICV-STZ model of early sporadic Alzheimer's disease Márcia Ruivo, Kryspin Andrzejewski, Joana F. Sacramento, Katarzyna Kaczyńska, & Sílvia V. Conde
PP.NS.R18	The Therapeutic Potential of Urolithin A in Alzheimer's Disease: Current Knowledge and Future Directions Carolina Pires, Matilde Gingado, & António Raposo
PP.NS.R19	Using Normative Modeling of Visual Rating Scales to Discriminate Alzheimer's Disease and Frontotemporal Dementia Subtypes Helena Rico Pereira, José Manuel Fonseca, & Hugo Alexandre Ferreira
PP.NS.R20	Adeno-Associated Virus Driven Modulation of the Peripheral Catecholaminergic Network in Post-Traumatic Stress Disorder through a Bioinformatic Mediated Approach Tomé Fernandes & Mónica Moreira-Rodrigues
PP.NS.R21	Adrenaline mediates changes in Dopaminergic regulation of contextual fear memory related to aging João Munhoz, João Santos, Ana Oliveira, Natália Rigos, Elisabete Silva, Paula Serrão, & Mónica Moreira-Rodrigues
PP.NS.R22	Predominant Peripheral Tropism of AAV9 Following Efficient Transduction of Liver and Adrenal Gland Tomé Fernandes, Marcos Pinto, Mariana Cruz, João Munhoz, Helena Fernandes, Rafaela Seixas, Luís Pereira de Almeida, Rui Jorge Nobre, & Mónica Moreira-Rodrigues
PP.NS.R23	Sex-specific hippocampal alterations link maternal high-fat diet to anxiety-like behavior and memory deficits in offspring. Valenti Goni, Sílvia Conde, Joana F. Sacramento, Gonçalo M. Melo, & Fátima O. Martins
PP.NS.R24	Genetic Influences On Fear Responses: A Comparison Between 129X1/SVJ and C57BL/6 Mice Helena Fernandes, João Munhoz, Mariana F. Cruz, Paula Serrão, & Mónica Moreira-Rodrigues
PP.NS.R25	Reproductive History Modulates Acute Fear Expression Without Affecting Contextual Fear Memory Retrieval Mariana Fernandes da Cruz, João Munhoz, & Mónica Moreira-Rodrigues

PP.NS.R26	Measuring Naps Among Adults Diagnosed with Breast Cancer Mafalda Pereira, Pedro Saint-Maurice, & Hugo Silva
PP.NS.R27	Comparative Analysis of Recurrent Neural Networks Performance for the Optimization of a Gamified Neurofeedback Brain Computer Interface in Anxiety Therapy Miguel Barbosa, David Belo, & Hugo Ferreira
PP.NS.R28	Carotid bodies as a novel target of GLP-1 signaling: impact on chemosensory activity and ventilation Dinis Sampaio-Pires, Fátima O. Martins, Gonçalo M. Melo, Joana F. Sacramento, & Sílvia V. Conde

POSTERS SESSION 2, ZONE L (Oct 9th 10:45 - 12:15)	
<i>Poster Code</i>	<i>Title, Authors</i>
PP.SP.L30	Acute Effects of Repeated Rowing Sprints with Voluntary Hypoventilation at Low Lung Volume: A Pilot Study Sérgio P. Garrido, Cristóvão H Rosa, Dália S. Curto, Cristina P. Monteiro, Mário C. Espada, Ricardo J. Minhalma, & Joana F Reis
PP.SP.L32	From Contraction to Recovery: Monitoring Muscle Oxygenation with Near-Infrared Spectroscopy (NIRS) Letícia Costa de Sousa, Flávio Ferreira, & Hugo Plácido da Silva
PP.SP.L33	Feasibility of multimodal physiological monitoring during whole-body electromyostimulation Flávio Ferreira, Hugo Alexandre Ferreira, & Letícia Costa de Sousa
PP.CVR.L34	Cutaneous Microvascular Responses to Post-Occlusive Reactive Hyperemia in Normal-Weight and Obese Individuals João Teixeira, Elisabete Silva, Leonor Neves, Inês Madaleno, Marisa Nicolai, & Luís Monteiro Rodrigues
PP.SP.L35	Green Exercise-Induced Adaptations in Postmenopausal Women: Effects on Cardiovascular Fitness, Body Composition, and Nature Connectedness Andreia Teixeira, Catarina Abrantes, Luís Ferreira, Daniel Santarém, & Helena Moreira
PP.SP.L36	Impact of Low- and High-Intensity Fatigue Protocols on Running Economy in Male and Female Recreational Runners Manuel Nicolau, Gabriel Pereira, Filipe Maurício, Dália Curto, André Pinto, Cristóvão Rosa, & Joana Reis
PP.CVR.L37	Exploring Thermal Dynamics in Post-Occlusive Reactive Hyperemia Elisabete Silva, Marisa Nicolai, Alexandre Miguel Cordeiro, Clemente Rocha, & Luís Monteiro-Rodrigues
PP.CVR.L38	Perivascular Adipose Tissue Modulates Chemerin-Induced Endothelial Dysfunction Cristina Sena
PP.SP.L39	Exercise-induced adaptations in muscle oxygen kinetics following supervised training in peripheral arterial disease: An exploratory NIRS study Daniel Santarém, Irene Pinto, Jacinta Campos, & Catarina Abrantes
PP.SP.L40	Acute effects of hypoxic repeated-sprint exercise on performance and muscle oxygenation in competitive swimmers and active individuals Dalia Curto, Cristina Bento, Talita Fernandes, Manuel Nicolau, Cristóvão Rosa, Mario Espada, José Morgado, Catarina Matias, & Joana Reis

POSTER SESSION 2, ZONE R (Oct 9th 10:45 - 12:15)

<i>Poster Code</i>	<i>Title, Authors</i>
PP.CVR.R41	The Stealth Increase of Unaware Arterial Hypertension Prevalence Nora Taiek & Abdelkader Jalil El Hangouche
PP.CVR.R42	Impact of Blood Pressure Measurement Protocols on the Diagnosis of Arterial Hypertension: A Comparison of mean P123 versus mean P23 Nora Taiek & Abdelkader Jalil El Hangouche
PP.CVR.R43	Impact of Bariatric Surgery on Early Functional Capacity: The Modulatory Role of Pre-Surgical Neurohumoral Blockade Edilson Chamba, Ana Filipa Ferreira, João Sérgio Neves, Mariana Pinto, Sara Costa, Fernando Resende, Eduardo Lima-da-Costa, & Inês Falcão Pires
PP.GEM.R44	Cardiac and Metabolic Physiological Adaptations Three Months Post- Bariatric Surgery: The Modulatory Role of GLP1-RA and SGLT2i Edilson Chamba, Ana Filipa Ferreira, João Sérgio Neves, Mariana Pinto, Sara Costa, Fernando Resende, Eduardo Lima-da-Costa, & Inês Falcão Pires
PP.GEM.R45	Prevalence of MASLD in adults with type 1 diabetes: preliminary findings from a Portuguese cohort Rita Andrade, Sofia Santo, Letícia Santos, Pedro Matos, João Filipe Raposo, Paul Brennan, & Rogério Tavares Ribeiro
PP.GEM.R46	Occupational Sedentary Behavior and Metabolic Health in Portuguese Workers Carolina Sousa, Nádia Sousa, & Emília Borba Alves
PP.GEM.R47	Meal Timing, Circadian Rhythms and Clock Gene Expression by Weight Status Marlene Lages, Marisa Ferreira-Marques, Armando Caseiro, Rui Pinto, Sara Urbano, Natacha Oliveira, Joana Correia, Salvador Mota, Renata Barros, Maria Guarino, & Sara Carmo Silva
PP.GEM.R48	Sex-specific effects of maternal obesity on energy balance and leptin sensitivity in offspring prefrontal cortex Andreia Amaro, João Martins, José Sereno, Filipa I. Baptista, Miguel Castelo-Branco, & Paulo Matafome
PP.GEM.R49	Identification of Potential Emerging Risks Associated with Food Supplement Consumption in Europe: Insights from Vigilance Systems and Botanical Substance Assessment Maria do Céu Costa, Sarogini Carmen Monteiro, Pedro Nabais, Paula Bico, & Aymeric Dopter
PP.GEM.R50	Relation between circadian clock gene expression, metabolic biomarkers, chronotype, and sleep quality in adults with and without overweight or obesity Marlene Lages, Sara Carmo-Silva, Renata Barros, & Maria P. Guarino
PP.CVR.R51	Immediate pressor response to oral salt loads for salt sensitivity assessment of blood pressure: Pilot study Wiam Hamidi & Abdelkader Jalil El Hangouche

POSTER SESSION 3, ZONE L (Oct 9th 16:30 - 17:15)

<i>Poster Code</i>	<i>Title, Authors</i>
PP.CVR.L52	Circulating MicroRNAs as Diagnostic and Prognostic Biomarkers in Pulmonary Hypertension: A Systematic Review Lucas Gamito
PP.SP.L53	Comparison between physical active and non-physical active participants on apnea effects Rafael Oliveira, Lenka Kostková, Natálie Svobodová, Jean Paul Hamalaya, João Paulo Brito, & Alexandre Duarte Martins
PP.SP.L54	Effects of Menstrual Cycle Phases on Vertical Jump Performance in Elite Female Soccer Players: A Preliminary Study

	Sara Branco*, Renato Fernandes, Rafael Oliveira, João Paulo Santos, Fernando J. Santos, Luís Branquinho, & Ricardo Ferraz
PP.SP.L55	Impact of a single mild hyperbaric oxygen session on recovery following a running protocol: A pilot study André Pinto, Diêgo Augusto, Cláudia Febra, Talita Morais Fernandes, Cristina Monteiro Bento, Joana F. Reis, & João Brito
PP.SP.L56	Neuromuscular Profiles Based on Vertical Jump and Sprint Performance in U13 Female Soccer Players: Implications for Individualized Training Prescription Sofia Diniz, João Brito, & Rafael Oliveira
PP.SP.L57	Neuromuscular Profiles in U14–U23 Basketball Players Luis Abreu, Rafael Oliveira, & João Brito
PP.SP.L58	Irisin and gut microbiome: the role of Gut-Muscle-Brain Axis in Immune Homeostasis and Cancer Diseases Ana Sofia Merelim, Ricardo Riachos, Parisan Ghasemi, Shafaq Hasnain, Siamak Takesh, & Liliana C. Baptista
PP.SP.L59	Acute Physiological Responses and Serve Performance During a Prolonged Tennis Service Game André V. Brito, Sofia Monteiro, Aléxia Fernandes, Jaime Fernandez-Fernandez, & Ricardo J. Fernandes
PP.SP.L60	Effects of a 16-Week Combined Exercise Programme on DNA Damage, Total Antioxidant Capacity, and Functional Performance in Men and Women: A Preliminary Study Jorge Pinto Soares, Ana Pereira, Isabel Gaivao, & Maria Paula Mota
PP.SP.L61	Functional and isokinetic markers of lean mass across ageing in physically active adults J. Correia, C. Vaz, N. Serra, & C. Vila-Chã
PP.CVR.L62	Exercise-induced Calf Muscle Oxygenation as a Prospective Indicator of Intermittent Claudication Severity in Peripheral Arterial Disease Catarina Abrantes, Daniel Santarém, Irene Pinto, & Jacinta Campos
PP.CVR.L63	Coupling Analysis of Bilateral Perfusion Responses During PORH Augusto Santos, Elisabete Silva, & Luis Monteiro Rodrigues

POSTER SESSION 3, ZONE R (Oct 9th 16:30 - 17:15)	
<i>Poster Code</i>	<i>Title, Authors</i>
PP.CVR.R64	Towards Sustainable Biopotential Electrodes via PEDOT:PSS-based Films Afonso Alcaso, João Rodrigues, Simão Costa, Hugo Plácido da Silva, Ana Charas, Ana Filipa Pires, Martina Imbriglia, & Luca Devito
PP.CVR.R65	Zero-Shot Signal Quality Assessment for Physiological Recordings Using Pretrained Time Series Foundation Models Flávio Ferreira, Hugo Alexandre Ferreira, & Hugo Plácido Silva
PP.CVR.R66	Age-related alterations in microvascular skin reperfusion dynamics: evidence from multimodal imaging Leonor Neves, Marisa Nicolai, Inês Madaleno, João Teixeira, Elisabete Silva, & Luís Monteiro Rodrigues
PP.CVR.R67	Altered cutaneous temperature responses to post-occlusive reactive hyperaemia in young smokers Inês Madaleno, Elisabete Silva, Leonor Neves, João Teixeira, Marisa Nicolai, & Luís Monteiro Rodrigues

PP.CVR.R68	Study of peripheral microcirculation with laser Doppler flowmetry and ice exposure in Raynaud's phenomenon Joana Caetano, Marisa Nicolai, Clemente Rocha, Alexandre Cordeiro, José D Alves, & Luís Monteiro Rodrigues
PP.GEM.R69	Fast-Food Consumption Frequency, Food-Choice Motivations, and Mediterranean Diet Adherence in Young Football Athletes: A Cross-Sectional Study Marta Esgalhado, Mariana Salgueiro, & Leandro Oliveira
PP.CVR.R70	Improved Local Activation Time Mapping in Intracardiac Electrograms from Atrial Fibrillation Patients Patrícia Cirne, Sofia Monteiro, Sérgio Laranjo, & Hugo Plácido da Silva
PP.GEM.R71	Lifestyle-Dependent Differences in Adiposity Despite Comparable Body Condition Scores in Domestic Cats Nuno Miguel Oliveira Rosa, Miguel Ángel Ortega, & Luis Monteiro Rodrigues
PP.GEM.R72	Pro-IAPP Accumulation and β-Cell Dysfunction in Type 1 Diabetes Mellitus: Implications for Amyloidogenic Stress and Cardiometabolic Risk Andreia Gomes, Emília Borba, Rita Andrade, Maria Inês Farrim, Paula Pinto, António Raposo, Rogério Ribeiro, & Regina Menezes
PP.GEM.R73	Adrenaline deficiency weakens the streptozotocin-induced β-cell damage in the T1DM mouse model Mariana Fernandes da Cruz, João Munhoz, Paulo Correia-de-Sá, & Mónica Moreira-Rodrigues
PP.GEM.R74	AT1 Receptor Blockade with Telmisartan Attenuates Segment-Specific Gastrointestinal Remodeling in Streptozotocin-Induced Diabetic Wistar Rats Marisa Esteves-Monteiro, Cátia Reis-Almeida, Manuela Morato, Patrícia Dias-Pereira, & Margarida Duarte-Araújo