

**Publicações Científicas NOVA Medical School/  
Scientific Output NOVA Medical School**

A classificação em áreas temáticas foi realizada de acordo com as categorias das revistas indexadas na Scopus ([SJR](#)).

The classification into subject areas was performed according to the categories of the journals indexed in Scopus ([SJR](#)).

**Dezembro/ December 2023**

***ANESTHESIOLOGY AND PAIN MEDICINE***

Anthon CT, Pène F, Perner A, Azoulay E, Puxty K, Van De Louw A, Chawla S, Castro P, **Povoa P, Coelho L**, Metaxa V, Kochanek M, Liebrechts T, Kander T, Sivula M, Møller MH, Russell L. [Platelet transfusions in adult thrombocytopenic ICU patients: Protocol for a sub-study of the PLOT-ICU cohort](#). Acta Anaesthesiol Scand. 2023 Dec 19. doi: 10.1111/aas.14365. Epub ahead of print. PMID: 38115558.

***BEHAVIORAL NEUROSCIENCE***

Xiang W, **Miranda HV**. [Unraveling the Complexity of alpha-Synucleinopathies: Insights from the Special Issue "Alpha Synuclein and Synucleinopathies"](#). Behav Brain Res. 2023 Dec 1:114797. doi: 10.1016/j.bbr.2023.114797. Epub ahead of print. PMID: 38043676.

***BIOCHEMISTRY***

**Sousa S**, Rede D, Cruz Fernandes V, **Pestana D**, Faria G, Delerue-Matos C, **Calhau C**, Fernandes Domingues V. [Accumulation of organophosphorus pollutants in adipose tissue of obese women - metabolic alterations](#). Environ Res. 2023 Dec 15;239(Pt 1):117337. doi: 10.1016/j.envres.2023.117337. Epub 2023 Oct 6. PMID: 37806478.

***BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ IMMUNOLOGY AND MICROBIOLOGY/ IMMUNOLOGY AND ALLERGY/ RHEUMATOLOGY***

van der Heijde D, Molto A, Ramiro S, [...] **Sepriano A**, Sieper J, Van den Bosch FE, van der Horst-Bruinsma I, Machado PM, Baraliakos X. [Goodbye to the term 'ankylosing spondylitis', hello 'axial spondyloarthritis': time to embrace the ASAS-defined nomenclature](#). Ann Rheum Dis. 2023 Dec 8:ard-2023-225185. doi: 10.1136/ard-2023-225185. Epub ahead of print. PMID: 38071514.

**BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/PHYSIOLOGY**

**Antas P, Carvalho C**, Cabral-Teixeira J, de Lemos L, **Seabra MC**. [Toward low-cost gene therapy: mRNA-based therapeutics for treatment of inherited retinal diseases](#). Trends Mol Med. 2023 Dec 2:S1471-4914(23)00271-X. doi: 10.1016/j.molmed.2023.11.009. Epub ahead of print. PMID: 38044158.

**Conde SV**. [\(Mal\)adaptative responses of arterial chemoreceptors: O<sub>2</sub>-dependent and -independent mechanisms](#). J Physiol. 2023 Dec 6. doi: 10.1113/JP285764. Epub ahead of print. PMID: 38055243.

**Hipólito A**, Xavier R, Brito C, **Tomás A**, Lemos I, **Cabaço LC, Silva F**, Oliva A, **Barral DC**, Vicente JB, Gonçalves LG, Pojo M, **Serpa J**. [BRD9 status is a major contributor for cysteine metabolic remodeling through MST and EAAT3 modulation in malignant melanoma](#). Biochim Biophys Acta Mol Basis Dis. 2023 Dec 7:166983. doi: 10.1016/j.bbadis.2023.166983. Epub ahead of print. PMID: 38070581.

**Lopes E, Machado-Oliveira G, Simões CG, Ferreira IS, Ramos C, Ramalho J, Soares MIL, Melo TMVDPE, Puertollano R, Marques ARA, Vieira OV**. [Cholesteryl Hemiazelate Present in Cardiovascular Disease Patients Causes Lysosome Dysfunction in Murine Fibroblasts](#). Cells. 2023 Dec 13;12(24):2826. doi: 10.3390/cells12242826. PMID: 38132146; PMCID: PMC10741512.

**CARDIOLOGY AND CARDIOVASCULAR MEDICINE**

Baptista R, Silva Cardoso J, **Canhão H, Maria Rodrigues A, Kislaya I**, Franco F, Bernardo F, Pimenta J, Mendes L, Gonçalves S, **Teresa Timóteo A**, Andrade A, Moura B, **Fonseca C**, [...] Pardal M, Barbosa V, Gavina C. [Portuguese Heart Failure Prevalence Observational Study \(PORTHOS\) rationale and design - A population-based study](#). Rev Port Cardiol. 2023 Dec;42(12):985-995. English, Portuguese. doi: 10.1016/j.repc.2023.10.004. PMID: 37918783.

Mensah GA, Fuster V, Murray CJL, Roth GA; Global Burden of Cardiovascular Diseases and Risks Collaborators ([...] **Conde, J**. [...]). [Global Burden of Cardiovascular Diseases and Risks, 1990-2022](#). J Am Coll Cardiol. 2023 Dec 19;82(25):2350-2473. doi: 10.1016/j.jacc.2023.11.007. PMID: 38092509.

Oliveira GMM, Fontes-Carvalho R, **Cardim N**, Rochitte CE. [The best articles of 2022 in the Arquivos Brasileiros de Cardiologia and Revista Portuguesa de Cardiologia](#). Rev Port Cardiol. 2023 Dec;42(12):939-946. English, Portuguese. doi: 10.1016/j.repc.2023.10.001. PMID: 38044032.

**CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ NEUROLOGY  
(CLINICAL)/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING**

Bettencourt S, Essibayi MA, **Baptista M**, Ferreira P, Reis J, Spiotta AM, Al Kasab S, **Fragata I**. [Acute intracranial stenting in acute ischemic stroke with underlying atherosclerosis: A two-center retrospective study](#). *Interv Neuroradiol*. 2023 Dec 12;15910199231219849. doi: 10.1177/15910199231219849. Epub ahead of print. PMID: 38087419.

**CRITICAL CARE AND INTENSIVE CARE MEDICINE**

Anthon CT, Pène F, Perner A, Azoulay E, Puxty K, Van De Louw A, Barratt-Due A, Chawla S, Castro P, **Póvoa P, Coelho L**, [...], **Paulino C**, Graça C, Lueck C, Juhl CS, Costa C, Bådstøløkken PM, Miranda T, Lêdo LSA, Sousa Torres JC, Granholm A, Møller MH, Russell L; the PLOT-ICU Collaborators and the Nine-I Study Group. [Correction: Thrombocytopenia and platelet transfusions in ICU patients: an international inception cohort study \(PLOT-ICU\)](#). *Intensive Care Med*. 2023 Dec 11. doi: 10.1007/s00134-023-07291-6. Epub ahead of print. Erratum for: *Intensive Care Med*. 2023 Nov;49(11):1327-1338. PMID: 38078947.

Cecconi M, Spies CD, **Moreno R**. [Economic sustainability of intensive care in Europe](#). *Intensive Care Med*. 2023 Dec 6. doi: 10.1007/s00134-023-07268-5. Epub ahead of print. PMID: 38054995.

**Moreno R**, Girbes A. [In memoriam: Dinis dos Reis Miranda](#). *Intensive Care Med*. 2023 Dec 13. doi: 10.1007/s00134-023-07276-5. Epub ahead of print. PMID: 38091048.

Wernly B, Bruno RR, Beil M, Flaatten H, Kelm M, Sigal S, Szczeklik W, Elhadi M, Joannidis M, Koköfer A, Oeyen S, Marsh B, **Moreno R**, Wernly S, Leaver S, De Lange DW, Guidet B, Jung C. [Frailty's influence on 30-day mortality in old critically ill ICU patients: a bayesian analysis evaluating the clinical frailty scale](#). *Ann Intensive Care*. 2023 Dec 13;13(1):126. doi: 10.1186/s13613-023-01223-9. PMID: 38091131; PMCID: PMC10719192.

**ENDOCRINOLOGY, DIABETES AND METABOLISM**

Luengo-Pérez LM, Ambrojo A, Fernández-Bueso M, Guijarro M, Ferreira A, Luzes G, Pereira M, **Calhau C, Rocha JC**. [Muscle Quality and Risk of Metabolic Syndrome in Adult Patients with Inherited Metabolic Diseases](#). *Endocr Metab Immune Disord Drug Targets*. 2023 Dec 11. doi: 10.2174/0118715303279040231129055755. Epub ahead of print. PMID: 38083892.

**Manique I, Amaral S, Matias A, Bouça B, Serranito S, Torres J, Gutu O**, Bilhim T, Coimbra É, Rodrigues I, Godinho C, **Cortez L, Silva-Nunes J**. [Adrenal Vein Sampling in the Management of Primary Aldosteronism: The Added Value of Intraprocedural Cortisol Assessment](#). *Int J Endocrinol*. 2023 Dec 21;2023:5563881. doi: 10.1155/2023/5563881. PMID: 38156095; PMCID: PMC10754635.

**Simões-Pereira J**, Saramago A, **Rodrigues R**, Pojo M, **Pires C**, Horta M, López-Presa D, Rito M, Cabrera R, Ferreira TC, **Leite V**, Cavaco BM. [Clinical and molecular characterisation of metastatic papillary thyroid cancer according to radioiodine therapy outcomes](#). *Endocrine*. 2023 Dec 16. doi: 10.1007/s12020-023-03633-y. Epub ahead of print. PMID: 38102497.

### **FOOD SCIENCE/ NUTRITION AND DIETETICS**

Luengo-Pérez LM, Fernández-Bueso M, Ambrojo A, Guijarro M, Ferreira AC, **Pereira-da-Silva L, Moreira-Rosário A, Faria A, Calhau C**, Daly A, MacDonald A, **Rocha JC**. [Body Composition Evaluation and Clinical Markers of Cardiometabolic Risk in Patients with Phenylketonuria](#). *Nutrients*. 2023 Dec 18;15(24):5133. doi: 10.3390/nu15245133. PMID: 38140392; PMCID: PMC10745907.

### **GASTROENTEROLOGY**

**Cardoso FS, Perdigoto R, Lamelas J, Coelho JS, Marques HP, Bagulho L**. [Acute-on-Chronic Liver Failure Remains a Minor Indication for Liver Transplant in Portugal](#). *GE Port J Gastroenterol*. 2023 Aug 3;30(6):471-473. doi: 10.1159/000530836. PMID: 38059168; PMCID: PMC10697745.

Carvalho AC, Moreira M, Araújo T, **Canena J**, Lopes L. [Endoscopic retrograde cholangiopancreatography performed through a temporary lumen-apposing metal stent in a patient with a benign gastric outlet obstruction](#). *Endoscopy*. 2023 Dec;55(S 01):E116-E117. doi: 10.1055/a-1944-9222. Epub 2022 Oct 14. PMID: 36241175; PMCID: PMC9829796.

### **HEALTH POLICY**

**Barosa M**, Jamrozik E, Prasad V. [The Ethical Obligation for Research During Public Health Emergencies: Insights From the COVID-19 Pandemic](#). *Med Health Care Philos*. 2023 Dec 28. doi: 10.1007/s11019-023-10184-6. Epub ahead of print. PMID: 38153559.

**MEDICINE (MISCELLANEOUS)**

Giménez-Bastida JA, **Ávila-Gálvez MÁ**, Martínez-López A, García-Moreno D, Espín JC, González-Sarrías A. [\(R,S\)-Equol 7-β-D-glucuronide, but not other circulating isoflavone metabolites, modulates migration and tubulogenesis in human aortic endothelial cells targeting the VEGF pathway.](#) Food Funct. 2023 Dec 11. doi: 10.1039/d3fo03946c. Epub ahead of print. PMID: 38078511.

**Louro H**, Vettorazzi A, López de Cerain A, Spyropoulou A, Solhaug A, Straumfors A, Behr AC, Mertens B, Žegura B, Fæste CK, Ndiaye D, Spilioti E, Varga E, Dubreil E, Borsos E, Crudo F, Eriksen GS, Snapkow I, Henri J, Sanders J, Machera K, Gaté L, Le Hegarat L, Novak M, Smith NM, Krapf S, Hager S, Fessard V, Kohl Y, Silva MJ, Dirven H, Dietrich J, Marko D. [Hazard characterization of Alternaria toxins to identify data gaps and improve risk assessment for human health.](#) Arch Toxicol. 2023 Dec 26. doi: 10.1007/s00204-023-03636-8. Epub ahead of print. PMID: 38147116.

**Maia A**, Tarannum M, Romee R. [Genetic Manipulation Approaches to Enhance the Clinical Application of NK Cell-Based Immunotherapy.](#) Stem Cells Transl Med. 2023 Dec 24:szad087. doi: 10.1093/stcltm/szad087. Epub ahead of print. PMID: 38142460.

**Marques MJ, Gonçalves-Pereira M**, de Vugt M, Verhey F, Woods B; Actifcare Consortium. [The quality of family relationships in dementia: Mixed methods to unravel mixed feelings.](#) Dementia (London). 2023 Dec 15:14713012231220759. doi: 10.1177/14713012231220759. Epub ahead of print. PMID: 38100191.

Rodrigues LM, **Caetano J**, Andrade SF, Rocha C, **Alves JD**, Ferreira HA. [Studying Erythromelalgia Using Doppler Flowmetry Perfusion Signals and Wavelet Analysis-An Exploratory Study.](#) Biomedicines. 2023 Dec 16;11(12):3327. doi: 10.3390/biomedicines11123327. PMID: 38137548; PMCID: PMC10741181.

**MEDICINE (MISCELLANEOUS)/ NEUROLOGY (CLINICAL)**

Rodrigues BA, Magriço M, Carmo E Pinto I, Vilela P, **Marto JP**. [Calcified cerebral emboli: the salted pretzel sign.](#) Pract Neurol. 2023 Dec 2;pn-2023-003947. doi: 10.1136/pn-2023-003947. Epub ahead of print. PMID: 38050103.

**MEDICINE (MISCELLANEOUS)/ OBSTETRICS AND GYNECOLOGY**

Freitas P, Resende-Neves T, Lameira P, Costa M, Dias P, Filipe J, Ferreira J, **Félix A**, Cunha TM. [Smooth muscle tumours of the uterus: MR imaging malignant predictive features-a 12-year analysis in a referral hospital in Portugal.](#) Arch Gynecol Obstet. 2023 Dec 6. doi: 10.1007/s00404-023-07294-0. Epub ahead of print. PMID: 38055011.

**MEDICINE (MISCELLANEOUS)/ ORTHOPEDICS AND SPORTS MEDICINE/  
PHYSIOLOGY (MEDICAL)/ PUBLIC HEALTH, ENVIRONMENTAL AND  
OCCUPATIONAL HEALTH**

Marôco JL, Arrais I, Silvestre T, Pinto M, **Laranjo S**, Magalhães J, Santa-Clara H, Fernhall B, Melo X. [Post-acute exercise cardiovagal modulation in older male adults with and without type 2 diabetes](#). Eur J Appl Physiol. 2023 Dec 20. doi: 10.1007/s00421-023-05357-3. Epub ahead of print. PMID: 38117338.

**MULTIDISCIPLINARY**

Tang JCY, Paixao V, Carvalho F, Silva A, Klaus A, **da Silva JA**, Costa RM. [Dynamic behaviour restructuring mediates dopamine-dependent credit assignment](#). Nature. 2023 Dec 13. doi: 10.1038/s41586-023-06941-5. Epub ahead of print. PMID: 38092040.

**NEPHROLOGY/ TRANSPLANTATION**

Hafez G, Malyszko J, Golenia A, Klimkowicz-Mrowiec A, **Ferreira AC**, Arıcı M, Bruchfeld A, Nitsch D, Massy ZA, Pépin M, Capasso G, Mani LY, Liabeuf S; CONNECT Action (Cognitive Decline in Nephro-Neurology European Cooperative Target). [Drugs with a negative impact on cognitive functions \(Part 2\): drug classes to consider while prescribing in CKD patients](#). Clin Kidney J. 2023 Sep 18;16(12):2378-2392. doi: 10.1093/ckj/sfad239. PMID: 38046029; PMCID: PMC10689198.

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**NUTRITION AND DIETETICS**

Abreu R, **Oliveira CB**, Costa JA, Brito J, Teixeira VH. [Effects of dietary supplements on athletic performance in elite soccer players: a systematic review](#). J Int Soc Sports Nutr. 2023 Dec;20(1):2236060. doi: 10.1080/15502783.2023.2236060. PMID: 37462346; PMCID: PMC10355692.

**OBSTETRICS AND GYNECOLOGY/ PEDIATRICS, PERINATOLOGY AND CHILD HEALTH**

**Neto MT, Tuna M, Paixão P.** Concerning the article "Knowledge of cytomegalovirus and available prevention strategies in pregnancy: a cross-sectional study in Portugal". *J Matern Fetal Neonatal Med.* 2023 Dec;36(1):2195039. doi: 10.1080/14767058.2023.2195039. PMID: 36977600.

**OPHTHALMOLOGY**

Almeida J, R Costa T, Vivas M, Monteiro C, T Vaz F, **Ferreira Q**, Prieto I, A Pinto L, T Ferreira J. [Vitamin B<sub>3</sub> Supplementation for Optic Neuropathies: A Comprehensive Review.](#) *J Ocul Pharmacol Ther.* 2023 Dec 27. doi: 10.1089/jop.2023.0125. Epub ahead of print. PMID: 38150537.

**ORTHOPEDICS AND SPORTS MEDICINE**

**Dantas P**, Gonçalves SR, Grenho A, Mascarenhas V, Martins J, Tavares da Silva M, Gonçalves SB, **Guimarães Consciência J.** [Hip joint contact pressure and force: a scoping review of in vivo and cadaver studies.](#) *Bone Joint Res.* 2023 Dec 4;12(12):712-721. doi: 10.1302/2046-3758.1212.BJR-2022-0461.R2. PMID: 38043570; PMCID: PMC10693937.

Silva SP, **Mazeda C**, Vilas-Boas P, Portelada MDC, Eugénio G, **Barcelos A.** [The impact of a Fracture Liaison Service after 3 years on secondary fracture prevention and mortality in a Portuguese tertiary center.](#) *Arch Osteoporos.* 2023 Dec 18;19(1):4. doi: 10.1007/s11657-023-01363-2. PMID: 38110537.

**PHARMACOLOGY**

Lucena MI, Villanueva-Paz M, Alvarez-Alvarez 1st, Aithal GP, Björnsson ES, Cakan-Akdogan G, Cubero FJ, **Esteves F**, Falcon-Perez JM, Fromenty B, Garcia-Ruiz C, Grove JI, Konu O, Kranendonk M, Kullak-Ublick G, Miranda JP, Remesal-Doblado A, Sancho-Bru P, Nelson L, Andrade RJ, Daly AK, Fernandez-Checa JC. [Roadmap to DILI research in Europe. A proposal from COST Action ProEuroDILINet.](#) *Pharmacol Res.* 2023 Dec 28:107046. doi: 10.1016/j.phrs.2023.107046. Epub ahead of print. PMID: 38159783.

### ***PULMONARY AND RESPIRATORY MEDICINE***

Froes F, **Timóteo A**, Almeida B, **Raposo JF**, Oliveira J, Carrageta M, Duque S, **Morais A**. [Influenza vaccination in older adults and patients with chronic disorders: A position paper from the Portuguese Society of Pulmonology, the Portuguese Society of Diabetology, the Portuguese Society of Cardiology, the Portuguese Society of Geriatrics and Gerontology, the Study Group of Geriatrics of the Portuguese Society of Internal Medicine, and the Portuguese Society of Infectious Diseases and Clinical Microbiology](#). *Pulmonology*. 2023 Dec 20:S2531-0437(23)00201-5. doi: 10.1016/j.pulmoe.2023.11.003. Epub ahead of print. PMID: 38129238.

### ***PUBLICAÇÕES EM REVISTAS NÃO INDEXADAS***

Varela-Lasheras I, Perfeito L, **Mesquita S**, Gonçalves-Sá J. [The effects of weather and mobility on respiratory viruses dynamics before and during the COVID-19 pandemic in the USA and Canada](#). *PLOS Digit Health*. 2023 Dec 21;2(12):e0000405. doi: 10.1371/journal.pdig.0000405. PMID: 38127792; PMCID: PMC10734953.