

**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).

**Setembro/ September 2023**

**BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY**

**Ferreira B, Heredia A, Serpa J.** [An integrative view on glucagon function and putative role in the progression of pancreatic neuroendocrine tumours \(pNETs\) and hepatocellular carcinomas \(HCC\).](#) Mol Cell Endocrinol. 2023 Sep 7;578:112063. doi: 10.1016/j.mce.2023.112063. Epub ahead of print. PMID: 37678603.

Palstrøm NB, Campbell AJ, Lindegaard CA, Cakar S, **Matthiesen R**, Beck HC. [Spectral library search for improved TMTpro labelled peptide assignment in human plasma proteomics.](#) Proteomics. 2023 Sep 14:e2300236. doi: 10.1002/pmic.202300236. Epub ahead of print. PMID: 37706597.

**BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/  
ENDOCRINOLOGY, DIABETES AND METABOLISM**

**Nunes SC**, Sousa J, **Silva F**, Silveira M, Guimarães A, **Serpa J**, **Félix A**, Gonçalves LG. [Peripheral Blood Serum NMR Metabolomics Is a Powerful Tool to Discriminate Benign and Malignant Ovarian Tumors.](#) Metabolites. 2023 Sep 1;13(9):989. doi: 10.3390/metabo13090989. PMID: 37755269; PMCID: PMC10537270.

**BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ MEDICINE  
(MISCELLANEOUS)**

Larsson AO, Bäckryd E, **Eriksson MB.** [Biomarkers in Pain.](#) Biomedicines. 2023 Sep 18;11(9):2554. doi: 10.3390/biomedicines11092554. PMID: 37760995; PMCID: PMC10525981.

Seybert C, **Cotovio G**, Madeira L, Ricou M, **Pires AM**, **Oliveira-Maia AJ**. [Psychedelic treatments for mental health conditions pose challenges for informed consent](#). Nat Med. 2023 Sep;29(9):2167-2170. doi: 10.1038/s41591-023-02378-5. PMID: 37316686.

**BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ NEUROLOGY (CLINICAL)/ NEUROSCIENCE (MISCELLANEOUS)**

**Silva-Dos-Santos A**, Youssef NA, Bravo J, Sales M, Velho MV, Simões F, Gaspar B, Gracias MJ, Lopes J, Duarte R, Lara E, Gusmão R, Sackeim HA. [Single session subconvulsive electrical stimulation has rapid therapeutic effects and reduces length of hospitalization in patients in an acute manic episode](#). Brain Stimul. 2023 Sep 26:S1935-861X(23)01916-2. doi: 10.1016/j.brs.2023.09.014. Epub ahead of print. PMID: 37769989.

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

Pinto AT, Pojo M, Rodrigues R, Sousa DP, **Matthiesen R**, **Carvalho AS**, Beck HC, Pires C, Eduardo R, Pereira JS, **Leite V**, Cavaco BM. [SPRY4 as a Potential Mediator of the Anti-Tumoral Role of Macrophages in Anaplastic Thyroid Cancer Cells](#). Cancers (Basel). 2023 Sep 1;15(17):4387. doi: 10.3390/cancers15174387. PMID: 37686663; PMCID: PMC10487195.

**CARDIOLOGY AND CARDIOVASCULAR MEDICINE**

Cardoso JS, Santos J, **Araújo I**, Andrade A, Sarmiento PM, Santos P, Moura B, Marques I, Peres M, Ferreira JP, Agostinho J, Pimenta J. [conTemporary reflectiOns regarding heart Failure manaGEmenT - How to ovERcome the PorTuguese barriers \(TOGETHER-PT\)](#). Rev Port Cardiol. 2023 Sep 7:S0870-2551(23)00400-6. English, Portuguese. doi: 10.1016/j.repc.2023.05.012. Epub ahead of print. PMID: 37689388.

Straburzynska-Migaj E, Senni M, Wachter R, **Fonseca C**, Witte KK, Mueller C, Lonn E, Butylin D, Noe A, Schwende H, Lawrence D, Suryawanshi B, Pascual-Figal D; TRANSITION Investigators. [Early initiation of sacubitril/valsartan in patients with acute heart failure and renal dysfunction: An analysis of the TRANSITION study](#). J Card Fail. 2023 Sep 5:S1071-9164(23)00315-9. doi: 10.1016/j.cardfail.2023.08.021. Epub ahead of print. PMID: 37678704.

Viegas JM, **Dores H**, Freitas A, Cavigli L, Ascenzi F. [Developments in sports cardiology: The way to a brighter future](#). Rev Port Cardiol. 2023 Sep 26;S0870-2551(23)00425-0. English, Portuguese. doi: 10.1016/j.repc.2023.03.020. Epub ahead of print. PMID: 37769847.

Williams C, Han D, [...] **de Araújo Gonçalves P**, Gottlieb I, Hadamitzky M, Maffei E, Pontone G, Shin S, Kim YJ, Lee BK, Chun EJ, Sung JM, Virmani R, Samady H, Stone PH, Berman DS, Narula J, Bax JJ, Leipsic JA, Chang HJ. [Effects of renin-angiotensin-aldosterone-system inhibitors on coronary atherosclerotic plaques: The PARADIGM registry](#). Atherosclerosis. 2023 Sep 16;383:117301. doi: 10.1016/j.atherosclerosis.2023.117301. Epub ahead of print. PMID: 37769454.

### **CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ MEDICINE (MISCELLANEOUS)/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING**

Leone PP, Regazzoli D, Pagnesi M, Costa G, **Teles R**, [...] Latib A; TAVI-SMALL Investigators. [Prosthesis-patient mismatch after transcatheter implantation of contemporary balloon-expandable and self-expandable valves in small aortic annuli](#). Catheter Cardiovasc Interv. 2023 Sep 5. doi: 10.1002/ccd.30818. Epub ahead of print. PMID: 37668097.

### **CHEMICAL HEALTH AND SAFETY/ HEALTH, TOXICOLOGY AND MUTAGENESIS/ PHARMACOLOGY, TOXICOLOGY AND PHARMACEUTICS**

Correia-Sá L, Fernandes VC, Maia ML, Pinto E, Norberto S, Almeida A, Santos C, Delerue-Matos C, **Calhau C**, Domingues VF. [Trace Elements in Portuguese Children: Urinary Levels and Exposure Predictors](#). Toxics. 2023 Sep 9;11(9):767. doi: 10.3390/toxics11090767. PMID: 37755777; PMCID: PMC10535189.

### **CRITICAL CARE AND INTENSIVE CARE MEDICINE**

Polok K, Fronczek J, Guidet B, Artigas A, De Lange DW, Fjølner J, Leaver S, Beil M, Sviri S, Bruno RR, Wernly B, Pinto BB, Schefold JC, Studzińska D, Joannidis M, Oeyen S, Marsh B, Andersen FH, **Moreno R**, Cecconi M, Flaatten H, Jung C, Szczeklik W; COVIP & VIP2 study groups. [Outcomes of patients aged  \$\geq 80\$  years with respiratory failure initially treated with non-invasive ventilation in European intensive care units before and during COVID-19 pandemic](#). Ann Intensive Care. 2023 Sep 12;13(1):82. doi: 10.1186/s13613-023-01173-2. PMID: 37698708; PMCID: PMC10497468.

**FOOD SCIENCE/ MEDICINE (MISCELLANEOUS)**

Le Sayec M, **Carregosa D**, Khalifa K, de Lucia C, Aarsland D, **Santos CN**, Rodriguez-Mateos A. [Identification and quantification of \(poly\)phenol and methylxanthine metabolites in human cerebrospinal fluid: evidence of their ability to cross the BBB](#). Food Funct. 2023 Sep 13. doi: 10.1039/d3fo01913f. Epub ahead of print. PMID: 37701930.

**FOOD SCIENCE/ NUTRITION AND DIETETICS**

**Rocha JC**, Ahring KK, Bausell H, Bilder DA, Harding CO, Inwood A, Longo N, Muntau AC, Pessoa ALS, Rohr F, Sivri S, Hermida Á. [Expert Consensus on the Long-Term Effectiveness of Medical Nutrition Therapy and Its Impact on the Outcomes of Adults with Phenylketonuria](#). Nutrients. 2023 Sep 11;15(18):3940. doi: 10.3390/nu15183940. PMID: 37764724; PMCID: PMC10536918.

**HEALTH INFORMATICS/ HEALTH POLICY**

Morgado MC, **Sousa M**, Coelho AB, Costa JA, Seabra A. [Exploring Gut Microbiota and the Influence of Physical Activity Interventions on Overweight and Obese Children and Adolescents: A Systematic Review](#). Healthcare (Basel). 2023 Sep 3;11(17):2459. doi: 10.3390/healthcare11172459. PMID: 37685493; PMCID: PMC10487561.

Reis N, Costa Dias MJ, Sousa L, **Canedo F, Rico MT**, Henriques MA, Baixinho CL. [Telerehabilitation Intervention in Transitional Care for People with COVID-19: Pre-Post Study with a Non-Equivalent Control Group](#). Healthcare (Basel). 2023 Sep 16;11(18):2561. doi: 10.3390/healthcare11182561. PMID: 37761758; PMCID: PMC10531287.

**HEALTH POLICY/ MEDICINE (MISCELLANEOUS)/ PUBLIC HEALTH, ENVIRONMENTAL AND OCCUPATIONAL HEALTH**

Ascensão R, Lopes Vaz P, Pereira Gomes C, Costa J, **Broeiro-Gonçalves P**. [A medication reconciliation failure: A case report and incident analysis](#). Int J Risk Saf Med. 2023 Sep 13. doi: 10.3233/JRS-230002. Epub ahead of print. PMID: 37718852.

***HEMATOLOGY/MEDICINE (MISCELLANEOUS)/ NEPHROLOGY***

Cardoso DF, Leal DV, Martins P, Abade EA, Rocha HC, **Ferreira M**, Baker LA, Smith AC, Viana JL. [Novel Approach to Intradialytic Progressive Resistance Exercise Training](#). Blood Purif. 2023 Sep 22:1-7. doi: 10.1159/000531973. Epub ahead of print. PMID: 37742624.

***IMMUNOLOGY AND MICROBIOLOGY/ IMMUNOLOGY AND ALLERGY/  
PEDIATRICS, PERINATOLOGY AND CHILD HEALTH***

Hormigo I, Valente Pinto M, Cordeiro AI, Henriques C, **Martins C**, Parente Freixo J, Conde M, Gouveia C, **Farela Neves J**. [Hemophagocytic lymphohistiocytosis in an adolescent with NLRP12-related autoinflammatory disorder-A case report](#). Pediatr Allergy Immunol. 2023 Sep;34(9):e14020. doi: 10.1111/pai.14020. PMID: 37747755.

***IMMUNOLOGY AND MICROBIOLOGY/ IMMUNOLOGY AND ALLERGY/  
RHEUMATOLOGY***

Oliveira Ramos F, **Rodrigues AM**, Melo AT, Aguiar F, Brites L, Azevedo S, Duarte AC, Gomes JAM, Furtado C, **Mourão AF**, Sequeira G, Cunha I, Figueira R, Santos MJ, Fonseca JE. [Influence of the timing of biological treatment initiation on Juvenile Idiopathic Arthritis long-term outcomes](#). Arthritis Res Ther. 2023 Sep 21;25(1):177. doi: 10.1186/s13075-023-03166-9. PMID: 37735435; PMCID: PMC10512498.

***INFECTIOUS DISEASES/ MICROBIOLOGY (MEDICAL)/ PEDIATRICS,  
PERINATOLOGY AND CHILD HEALTH***

**Chasqueira MJ, Fernandez C, Marques A, Rodrigues L**, Marçal M, **Tuna M**, Braz M, S Neto A, Mendes C, Lito D, Vasconcellos G, Rocha P, Cassiano G, Silva P, Monteiro L, Sequeira A, Favila Menezes M, Albuquerque M, Rego de Sousa MJ, **Paixão P**. [Pooling Saliva Sample as an Effective Strategy for the Systematic CMV Screening of Newborns-A Multicentric Prospective Study](#). Pediatr Infect Dis J. 2023 Sep 12. doi: 10.1097/INF.0000000000004096. Epub ahead of print. PMID: 37725820.

**MANAGEMENT OF TECHNOLOGY AND INNOVATION/ EDUCATION/ E-LEARNING**

**Oliveira, B., Fonseca, M., Rendas, A., Carreiro-Martins, P., & Neuparth, N.** A scoping review comparing different mapping approaches pointing to the need for standardizing concept maps in medical education: A preliminary analysis. *Knowledge Management & E-Learning*. 2023, 15(3): 392–419. <https://doi.org/10.34105/j.kmel.2023.15.023>.

**MEDICINE (MISCELLANEOUS)**

Ferreira M, **Laranjo S**, Cunha P, Gerales V, Oliveira M, Rocha I. [Orthostatic Stress and Baroreflex Sensitivity: A Window into Autonomic Dysfunction in Lone Paroxysmal Atrial Fibrillation](#). *J Clin Med*. 2023 Sep 8;12(18):5857. doi: 10.3390/jcm12185857. PMID: 37762798; PMCID: PMC10532155.

Garcia Brás P, Gonçalves AV, Reis JF, Moreira RI, Pereira-da-Silva T, Rio P, **Timóteo AT**, Silva S, Soares RM, Ferreira RC. [Age Differences in Cardiopulmonary Exercise Testing Parameters in Heart Failure with Reduced Ejection Fraction](#). *Medicina (Kaunas)*. 2023 Sep 20;59(9):1685. doi: 10.3390/medicina59091685. PMID: 37763804; PMCID: PMC10535443.

**Gonçalves J, Melro M**, Alenquer M, Araújo C, **Castro-Neves J, Amaral-Silva D**, Ferreira F, **Ramalho JS, Charepe N, Serrano F**, Pontinha C, Amorim MJ, **Soares H**. [Balance between maternal antiviral response and placental transfer of protection in gestational SARS-CoV-2 infection](#). *JCI Insight*. 2023 Sep 8;8(17):e167140. doi: 10.1172/jci.insight.167140. PMID: 37490342.

**MEDICINE (MISCELLANEOUS)/ NEPHROLOGY/ TRANSPLANTATION**

Barrera-Baena P, Rodríguez-García M, Rodríguez-Rubio E, González-Llorente L, Ortiz A, Zoccali C, Locatelli F, Floege J, Cohen-Solal M, **Ferreira MA**, [...]Fernández-Martín JL; of COSMOS. [Serum phosphate is associated with increased risk of bone fragility fractures in hemodialysis patients](#). *Nephrol Dial Transplant*. 2023 Sep 2:gfad190. doi: 10.1093/ndt/gfad190. Epub ahead of print. PMID: 37660283.

**MEDICINE (MISCELLANEOUS)/ PHARMACOLOGY, TOXICOLOGY AND PHARMACEUTICS**

**Ávila-Gálvez MÁ, Marques D, Figueira I, Cankar K, Bosch D, Brito MA, Dos Santos CN.** [Costunolide and parthenolide: Novel blood-brain barrier permeable sesquiterpene lactones to improve barrier tightness.](#) Biomed Pharmacother. 2023 Sep 6;167:115413. doi: 10.1016/j.biopha.2023.115413. Epub ahead of print. PMID: 37683593.

**MEDICINE (MISCELLANEOUS)/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING**

Pontone G, Rossi A, Baggiano A, Andreini D, Conte E, Fusini L, Gebhard C, Rabbat MG, Guaricci A, Guglielmo M, Muscogiuri G, Mushtaq S, Al-Mallah MH, Berman DS, Budoff MJ, Cademartiri F, Chinnaiyan K, Choi JH, Chun EJ, **de Araújo Gonçalves P**, [...] Chang HJ. [Progression of non-obstructive coronary plaque: a practical CCTA-based risk score from the PARADIGM registry.](#) Eur Radiol. 2023 Sep 26. doi: 10.1007/s00330-023-09880-x. Epub ahead of print. PMID: 37750979.

**NEPHROLOGY/ TRANSPLANTATION**

**Ferreira AC.** [Intraperitoneal pressure in peritoneal dialysis patients: a need for treatment individualization.](#) Clin Kidney J. 2023 Jun 22;16(9):1367-1368. doi: 10.1093/ckj/sfad140. PMID: 37664561; PMCID: PMC10469088.

**NEUROLOGY (CLINICAL)**

Pépin M, Klimkowicz-Mrowiec A, Godefroy O, Delgado P, Carriazo S, **Ferreira AC**, [...] Massy ZA; CONNECT (Cognitive Decline in Nephro-Neurology: European Cooperative Target) Action. [Cognitive disorders in patients with chronic kidney disease: Approaches to prevention and treatment.](#) Eur J Neurol. 2023 Sep;30(9):2899-2911. doi:10.1111/ene.15928. Epub 2023 Jun 29. PMID: 37326125.

**NEUROLOGY (CLINICAL)/ PSYCHIATRY AND MENTAL HEALTH**

Magriço M, Serôdio M, Ventura R, **Bugalho P.** [Parkinson's disease patients' perspective on telephone visits during the COVID-19 pandemic.](#) J Neural Transm (Vienna). 2023 Sep 14. doi: 10.1007/s00702-023-02697-4. Epub ahead of print. PMID: 37709927.

**ONCOLOGY/ PSYCHIATRY AND MENTAL HEALTH**

Vicente RS, Freitas AR, Ferreira RMA, Prada SP, Martins TS, Martins TC, Duarte Mendes A, Vitorino MM, Chaves AF, Santos CC, **Alpuim Costa D**, Custódio MP, Barbosa M. [Communication preferences and perceptions of cancer patient during their first medical oncology appointment.](#) *Psychooncology*. 2023 Sep 25. doi: 10.1002/pon.6220. Epub ahead of print. PMID: 37749768.

**ONCOLOGY/ SURGERY**

Sucandy I, **Marques HP**, Lippert T, Magistri P, **Coelho JS**, Ross SB, **Chumbinho B**, Di Sandro S, DiBenedetto F. [ASO Author Reflections: Clinical Outcomes of Robotic Resection for Perihilar Cholangiocarcinoma: A First Multicenter, Trans-Atlantic, Expert-Center Collaborative Study.](#) *Ann Surg Oncol*. 2023 Sep 29. doi: 10.1245/s10434-023-14362-x. Epub ahead of print. PMID: 37773564.

**OPHTHALMOLOGY**

Berlin A, **Cabral D**, Chen L, Messinger JD, Balaratnasingam C, Mendis R, Ferrara D, Freund KB, Curcio CA. [Histology of Type 3 Macular Neovascularization and Microvascular Anomalies in Treated Age-Related Macular Degeneration: A Case Study.](#) *Ophthalmol Sci*. 2023 Feb 10;3(3):100280. doi: 10.1016/j.xops.2023.100280. PMID: 36970117; PMCID: PMC10033755.

**OTORHINOLARYNGOLOGY**

Campos A, Cebola P, **Dias SS**, Pedro Pais J, Sousa S, Cardoso S, **Paço J, Caroça C**. [Upper airway assessment in obstructive sleep apnea patients: can computed tomography with lateral cephalometry replace drug-induced sleep endoscopy \(DISE\)?](#) *Acta Otorrinolaringol Esp (Engl Ed)*. 2023 Sep-Oct;74(5):290-297. doi: 10.1016/j.otoeng.2023.03.006. Epub 2023 Mar 28. PMID: 36990209.

**PHARMACOLOGY (MEDICAL)/ RHEUMATOLOGY**

Linde L, Ørnbjerg LM, Brahe CH, Wallman JK, Di Giuseppe D, Závada J, Castrejon I, Díaz-Gonzalez F, Rotar Z, Tomšič M, Glintborg B, Gudbjornsson B, Geirsson AJ, Michelsen B, Kristianslund EK, Santos MJ, **Barcelos A**, [...] Østergaard M. [Second and third TNF inhibitors in European patients with axial spondyloarthritis: Effectiveness and impact of the reason for switching.](#) *Rheumatology (Oxford)*. 2023 Sep 20:kead494. doi: 10.1093/rheumatology/kead494. Epub ahead of print. PMID: 37738257.



Ramiro S, Landewé R, van der Heijde D, **Sepriano A**, [...] Hutchings E, Paschke J, Maksymowych WP. [Stricter treat-to-target in RA does not result in less radiographic progression: a longitudinal analysis in RA BIODAM](#). *Rheumatology (Oxford)*. 2023 Sep 1;62(9):2989-2997. doi: 10.1093/rheumatology/kead021. PMID: 36645243.

**Santos H, Henriques AR**, Machado PM, Lopez-Medina C, Dougados M, **Canhão H, Rodrigues AM, Pimentel-Santos FM**. [Determinants of health-related quality of life and global functioning and health in axSpA, pSpA, and PsA: results from the ASAS-PerSpA study](#). *Rheumatology (Oxford)*. 2023 Sep 21;kead503. doi: 10.1093/rheumatology/kead503. Epub ahead of print. PMID: 37738594.

### **PSYCHIATRY AND MENTAL HEALTH**

Kazdin AE, Harris MG, Hwang I, Sampson NA, Stein DJ, Viana MC, Vigo DV, Wu CS, Aguilar-Gaxiola S, Alonso J, Benjet C, Bruffaerts R, **Caldas-Almeida JM, Cardoso G**, [...] Kessler RC; WHO World Mental Health Survey collaborators. [Patterns, predictors, and patient-reported reasons for antidepressant discontinuation in the WHO World Mental Health Surveys](#). *Psychol Med*. 2023 Sep 14;1-12. doi: 10.1017/S0033291723002507. Epub ahead of print. PMID: 37706298.

McGrath JJ, Al-Hamzawi A, Alonso J, Altwaijri Y, Andrade LH, Bromet EJ, Bruffaerts R, **de Almeida JMC**, [...] Kessler RC; WHO World Mental Health Survey Collaborators. [Age of onset and cumulative risk of mental disorders: a cross-national analysis of population surveys from 29 countries](#). *Lancet Psychiatry*. 2023 Sep;10(9):668-681. doi: 10.1016/S2215-0366(23)00193-1. Epub 2023 Jul 30. PMID: 37531964.

### **PUBLIC HEALTH, ENVIRONMENTAL AND OCCUPATIONAL HEALTH**

Santos AT, Costa CM, Delgado-Márquez L, **Banheiro RM**. [Analysing the Influence of WHO Initiatives on the Scientific Discourse of Noncommunicable Diseases through a Bibliometric Approach](#). *Int J Environ Res Public Health*. 2023 Sep 6;20(18):6714. doi: 10.3390/ijerph20186714. PMID: 37754575; PMCID: PMC10530322.

***PULMONARY AND RESPIRATORY MEDICINE/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING***

**Ruano CA**, Moraes-Fontes MF, Borba A, Grafino M, Veiga J, Fernandes O, Bilhim T, Irion KL. [Lung Magnetic Resonance Imaging for Prediction of Progression in Patients With Nonidiopathic Pulmonary Fibrosis Interstitial Lung Disease: A Pilot Study.](#) J Thorac Imaging. 2023 Sep 20. doi: 10.1097/RTI.0000000000000744. Epub ahead of print. PMID: 37732700.

***UROLOGY***

**Bernardino RM**, Sayyid RK, Lajkosz K, Al-Daqqaq Z, Cockburn JG, Chavarriaga J, Abedi S, Leão R, Berlin A, van der Kwast T, Fleshner NE. [Limitations of Prostate Biopsy in Detection of Cribriform and Intraductal Prostate Cancer.](#) Eur Urol Focus. 2023 Sep 9:S2405-4569(23)00195-5. doi: 10.1016/j.euf.2023.08.010. Epub ahead of print. PMID: 37696743.