

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](#)).

Março/ March 2024

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. 2024 Mar;68(3):434-440. doi: 10.1111/aas.14365. Epub 2023 Dec 19. PMID: 38115558.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY

Esteves M, Cristóvão AC, Vale A, Machado-Pereira M, **Ferreira R**, Bernardino L. [MicroRNA-124-3p Modulates Alpha-Synuclein Expression Levels in a Paraquat-Induced in vivo Model for Parkinson's Disease](#). Neurochem Res. 2024 Mar 7. doi: 10.1007/s11064-024-04130-y. Epub ahead of print. PMID: 38451434.

Maia A, Tarannum M, Lérias JR, Piccinelli S, **Borrego LM**, Maeurer M, Romee R, Castillo-Martin M. [Building a Better Defense: Expanding and Improving Natural Killer Cells for Adoptive Cell Therapy](#). Cells. 2024 Mar 5;13(5):451. doi: 10.3390/cells13050451. PMID: 38474415; PMCID: PMC10930942.

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Sobral D, Fernandes AF, Bernardes M, Pinto P, **Santos H**, Lagoas-Gomes J, Tavares-Costa J, Silva JAP, **Dias JM**, Bernardo A, Gaillard JC, Armengaud J, Benes V, **Domingues L**, **Maia S**, **Branco JC**, Coelho AV, **Pimentel-Santos FM**.

Molecular Profiling of Axial Spondyloarthritis Patients Reveals an Association between Innate and Adaptive Cell Populations and Therapeutic Response to Tumor Necrosis Factor Inhibitors. *Biomolecules*. 2024 Mar 21;14(3):382. doi: 10.3390/biom14030382. PMID: 38540800; PMCID: PMC10967957.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ CELL BIOLOGY/ DEVELOPMENTAL BIOLOGY

Ferreira A, Castanheira P, Escrevente C, Barral DC, Barona T. Membrane trafficking alterations in breast cancer progression. *Front Cell Dev Biol*. 2024 Mar 12;12:1350097. doi: 10.3389/fcell.2024.1350097. PMID: 38533085; PMCID: PMC10963426.

Maia A, Tarannum M, Romee R. Genetic Manipulation Approaches to Enhance the Clinical Application of NK Cell-Based Immunotherapy. *Stem Cells Transl Med*. 2024 Mar 15;13(3):230-242. doi: 10.1093/stcltm/szad087. PMID: 38142460; PMCID: PMC10940834.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY, CLINICAL BIOCHEMISTRY

Gonçalves-Reis M, Proença D, Frazão LP, Neto JL, Silva S, **Pinto-Marques H,** Pereira-Leal JB, Cardoso J. Analytical validation and algorithm improvement of HepatoPredict kit to assess hepatocellular carcinoma prognosis before a liver transplantation. *Pract Lab Med*. 2024 Feb 5;39:e00365. doi: 10.1016/j.plabm.2024.e00365. PMID: 38371895; PMCID: PMC10869278.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ NEUROSCIENCE

Esteves M, Cristóvão AC, Vale A, Machado-Pereira M, **Ferreira R,** Bernardino L. MicroRNA-124-3p Modulates Alpha-Synuclein Expression Levels in a Paraquat-Induced in vivo Model for Parkinson's Disease. *Neurochem Res*. 2024 Mar 7. doi: 10.1007/s11064-024-04130-y. Epub ahead of print. PMID: 38451434.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE

Abecasis J, Maltês S, Santos RR, Lopes P, Manso RT, Gil V, **Cardim N**, Ramos S, **Félix A**. [Subendocardial "ischemic-like" state in patients with severe aortic stenosis: Insights from myocardial histopathology and ultrastructure.](#) *Cardiovasc Pathol.* 2024 Mar-Apr;69:107589. doi: 10.1016/j.carpath.2023.107589. Epub 2023 Nov 28. PMID: 38029890.

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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; of 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.* 2024 Mar;30(3):425-435. doi: 10.1016/j.cardfail.2023.08.021. Epub 2023 Sep 9. PMID: 37678704.

Vilela EM, Bento L, Oliveira L, Abreu A, **Dores H**, Teixeira M, Mendes M, Fontes P, Fontes-Carvalho R, Pereira H, Gonçalves L. [Training and attitudes concerning cardiac rehabilitation in Portugal: A national survey of physician members of the Portuguese Society of Cardiology.](#) *Rev Port Cardiol.* 2024 Mar 7:S0870-2551(24)00074-X. English, Portuguese. doi: 10.1016/j.repc.2023.12.009. Epub ahead of print. PMID: 38460749.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ SURGERY

Bastos Gonçalves F, Wanhainen A. [The One Size Fits All EVAR Follow Up Has Proven Unsuccessful and Is a Thing of the Past.](#) *Eur J Vasc Endovasc Surg.* 2024 Mar 21:S1078-5884(24)00263-6. doi: 10.1016/j.ejvs.2024.03.018. Epub ahead of print. PMID: 38521189.

Soenens G, Gorden L, Doyen B, Wheatcroft M, de Mestral C, Palter V, Van Herzele I; **ENDORATE-PVI consortium**. [Development and Testing of Step, Error, and Event Frameworks to Evaluate Technical Performance in Peripheral Endovascular Interventions](#). Eur J Vasc Endovasc Surg. 2024 Mar 14:S1078-5884(24)00252-1. doi: 10.1016/j.ejvs.2024.03.007. Epub ahead of print. PMID: 38492630.

CRITICAL CARE AND INTENSIVE CARE MEDICINE

Lange DW, Soliman IW, Leaver S, Boumendil A, Haas LEM, Watson X, Boulanger C, Szczeklik W, Artigas A, Morandi A, Andersen F, Jung C, **Moreno R**, Walther S, Oeyen S, Schefold JC, Cecconi M, Marsh B, Joannidis M, Nalapko Y, Elhadi M, Fjølner J, Guidet B, Flaatten H; VIP2 study group. [The association of premorbid conditions with 6-month mortality in acutely admitted ICU patients over 80 years](#). Ann Intensive Care. 2024 Mar 30;14(1):46. doi: 10.1186/s13613-024-01246-w. PMID: 38555336; PMCID: PMC10981642.

Salluh JIF, **Póvoa P**, Beane A, Kalil A, Sendagire C, Sweeney DA, Pilcher D, Polverino E, Tacconelli E, Estenssoro E, Frat JP, Ramirez J, Reyes LF, Roca O, Nseir S, Nobre V, Lisboa T, Martin-Loeches I. [Challenges for a broad international implementation of the current severe community-acquired pneumonia guidelines](#). Intensive Care Med. 2024 Mar 28. doi: 10.1007/s00134-024-07381-z. Epub ahead of print. PMID: 38546855.

ENDOCRINOLOGY, DIABETES AND METABOLISM/ INTERNAL MEDICINE

Damáσιο IL, Figueiredo A, Maciel J, Horta M, Silva TN, Simões-Pereira J, Donato S, **Leite V**. [Effectiveness and safety of lenvatinib in a series of advanced well-differentiated thyroid carcinomas from a single tertiary cancer center and literature review](#). Minerva Endocrinol (Torino). 2024 Mar 21. doi:10.23736/S2724-6507.23.03982-9. Epub ahead of print. PMID: 38512702.

ENDOCRINOLOGY, DIABETES AND METABOLISM/ ORTHOPEDICS AND SPORTS MEDICINE

Ferreira AC, Mendes M, Silva C, Cotovio P, Aires I, Navarro D, Caeiro F, Salvador R, Correia B, Cabral G, Nolasco F, Ferreira A. [Biochemical Clusters as Substitutes of Bone Biopsies in Kidney Transplant Patients](#). Calcif Tissue Int.

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GENETICS (CLINICAL)

Matos ML, Pinto M, **Alves M**, Canberk S, Gonçalves A, Bugalho MJ, **Papoila AL**, Soares P. [Cyto-Histological Profile of MicroRNAs as Diagnostic Biomarkers in Differentiated Thyroid Carcinomas](#). Genes (Basel). 2024 Mar 21;15(3):389. doi: 10.3390/genes15030389. PMID: 38540448; PMCID: PMC10970297.

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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. 2024 Mar;27(1):49-70. doi: 10.1007/s11019-023-10184-6. Epub 2023 Dec 28. PMID: 38153559; PMCID: PMC10904511

Fronteira I, Magalhães JP, Ferrinho P. [European Health Union: An emergent reality](#). Int J Health Plann Manage. 2024 Mar;39(2):220-228. doi: 10.1002/hpm.3747. Epub 2023 Dec 21. PMID: 38124556.

Ma W, **Timóteo A**, Ribeiro V, Mateus C, **Perelman J**. [Contribution of high-technology procedures to public healthcare expenditures: the case of](#)

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IMMUNOLOGY AND ALLERGY

Amaral MC, Paula FS, Caetano J, Rj Ames P, Alves JD. [Re-evaluation of nailfold capillaroscopy in discriminating primary from secondary Raynaud's phenomenon and in predicting systemic sclerosis: a randomised observational prospective cohort study.](#) *Expert Rev Clin Immunol.* 2024 Mar 11:1-8. doi: 10.1080/1744666X.2024.2313642. Epub ahead of print. PMID: 38465507.

IMMUNOLOGY AND ALLERGY/RHEUMATOLOGY

Mazeda C, Oliveira N, Abreu C, Fraga V, Maduro I, Saraiva A, Inês L, Ferreira C, Correia AM, Nicolau R, Farinha F, Villanueva I, Jesus D, Abreu P, Neto A, Silva Dinis J, **Barcelos A.** [Anti-SSA Ro52 and anti-Ro60 autoantibodies: association with clinical phenotypes.](#) *Clin Exp Rheumatol.* 2024 Mar 26. doi: 10.55563/clinexprheumatol/puxml7. Epub ahead of print. PMID: 38530658.

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Nielsen ND, Dean JT 3rd, Shald EA, Conway Morris A, **Povoa P,** Schouten J, Parchim N. [When to Stop Antibiotics in the Critically Ill?](#) *Antibiotics (Basel).* 2024 Mar 18;13(3):272. doi: 10.3390/antibiotics13030272. PMID: 38534707; PMCID: PMC10967289.

MEDICINE (MISCELLANEOUS)

Bansal S, Canziani MEF, **Birne R,** Anker SD, Bakris GL, Filippatos G, Rossing P, Ruilope LM, Farjat AE, Kolkhof P, Lage A, Brinker M, Pitt B. [Finerenone cardiovascular and kidney outcomes by age and sex: FIDELITY post hoc analysis of two phase 3, multicentre, double-blind trials.](#) *BMJ Open.* 2024 Mar 19;14(3):e076444. doi: 10.1136/bmjopen-2023-076444. PMID: 38508632.

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[Actifcare Study in Portugal](#). Acta Med Port. 2024 Mar 8. doi: 10.20344/amp.20427. Epub ahead of print. PMID: 38457746.

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Bracchi I, Morais J, Coelho JA, Ferreira AF, Alves I, Mendes C, **Correia B**, Gonçalves A, Guimarães JT, Pires IF, Keating E, Negrão R. [The Cardiometabolic Impact of Rebaudioside A Exposure during the Reproductive Stage](#). Biology

(Basel). 2024 Mar 2;13(3):163. doi: 10.3390/biology13030163. PMID: 38534433; PMCID: PMC10967885.

MULTIDISCIPLINARY

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NEPHROLOGY/TRANSPLANTATION

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NEUROSCIENCE

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NEUROLOGY (CLINICAL)

Coutinho JM, van de Munckhof A, Aguiar de Sousa D, Poli S, Aaron S, Arauz-Góngora A, Conforto A, Krzywicka K, Hiltunen S, Lindgren E, Sanchez van Kammen M, Shu L, Bakchoul T, Belder R, van den Berg R, Boumans E, Cannegieter S, Cano-Nigenda V, Field TS, **Fragata I**, Heldner MR, Hernández-Pérez M, Klok FA, Leker RR, Lucas Neto L, Molad J, Nguyen TN, Saaltink DJ, Saposnik G, Sharma P, Stam J, Thijs V, van der Vaart M, Werring D, Wong Ramos D, Yaghi S, Yesilot N, Tatlisumak T, Putaala J, Jood K, Arnold M, Ferro JM. [Reducing the global burden of cerebral venous thrombosis: an international research agenda](#). *Int J Stroke*. 2024 Mar 17;17474930241242266. doi: 10.1177/17474930241242266. Epub ahead of print. PMID: 38494462.

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NURSING, NUTRITION AND DIETETICS

Baptista Pereira P, Torrejón E, Ferreira I, Carvalho AS, Teshima A, Sousa-Lima I, Beck HC, Costa-Silva B, **Matthiesen R, Macedo MP, de Oliveira RM**. [Proteomic Profiling of Plasma- and Gut-Derived Extracellular Vesicles in Obesity](#). *Nutrients*. 2024 Mar 4;16(5):736. doi: 10.3390/nu16050736. PMID: 38474865; PMCID: PMC10935251.

OBSTETRICS AND GYNECOLOGY/REPRODUCTIVE MEDICINE

Cerván-Martín M, González-Muñoz S, Guzmán-Jiménez A, Higuera-Serrano I, Castilla JA, Garrido N, Luján S, Bassas L, Seixas S, **Gonçalves J**, Lopes AM, Larriba S, Palomino-Morales RJ, Bossini-Castillo L, Carmona FD. [Changes in environmental exposures over decades may influence the genetic architecture of severe spermatogenic failure](#). *Hum Reprod*. 2024 Mar 1;39(3):612-622. doi: 10.1093/humrep/deae007. PMID: 38305414.

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OPHTHALMOLOGY

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OPHTHALMOLOGY/ PHARMACOLOGY (MEDICAL)

Almeida J, Costa TR, Vivas M, Monteiro C, Vaz FT, **Ferreira Q**, Prieto I, Pinto LA, Ferreira JT. [Vitamin B3 Supplementation for Optic Neuropathies: A Comprehensive Review](#). *J Ocul Pharmacol Ther*. 2024 Mar;40(2):111-116. doi: 10.1089/jop.2023.0125. Epub 2023 Dec 27. PMID: 38150537.

PUBLIC HEALTH, ENVIRONMENTAL AND OCCUPATIONAL HEALTH

Sousa S, Paíga P, Pestana D, Faria G, Delerue-Matos C, Ramalhosa MJ, **Calhau C**, Domingues VF. [Evaluating the impact of polycyclic aromatic hydrocarbon bioaccumulation in adipose tissue of obese women](#). *Chemosphere*. 2024 Mar 8:141673. doi: 10.1016/j.chemosphere.2024.141673. Epub ahead of print. PMID: 38462176.

RADIOLOGY, NUCLEAR MEDICINE AND IMAGING

Borges AL, Brito M, Ambrósio P, Condeço R, Pinto P, Ambrósio B, Mahomed F, Gama JMR, Bernardo MJ, Gouveia AI, **Djokovic D**. [Prospective external validation of IOTA methods for classifying adnexal masses and retrospective assessment of two-step strategy using benign descriptors and ADNEX: a Portuguese multicenter study](#). *Ultrasound Obstet Gynecol*. 2024 Mar 13. doi: 10.1002/uog.27641. Epub ahead of print. PMID: 38477149.

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RHEUMATOLOGY

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PUBLICAÇÕES EM REVISTAS NÃO INDEXADAS

Lemos, L., Antas, P., Ferreira, I.S. Santos, I., Felgueiras, B., Gomes, C., Brito, C., Seabra, M., Tenreiro, S. [Modelling neurodegeneration and inflammation in early diabetic retinopathy using 3D human retinal organoids](#). 2024 Mar. In vitro models 3, 33–48 (2024). <https://doi.org/10.1007/s44164-024-00068-1>