

**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](#)).

**Maio/ May 2024**

**ANATOMY**

Dos Santos EA, Cavalheiro LAM, Rodrigues D, Machado-Rodrigues A, **Silva MR**, Nogueira H, Padez C. [Are sun exposure time, dietary patterns, and vitamin D intake related to the socioeconomic status of Portuguese children?](#) Am J Hum Biol. 2024 May 28:e24109. doi: 10.1002/ajhb.24109. Epub ahead of print. PMID: 38804593.

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

Fernandes-Silva H, Alves MG, **Garcez MR**, Correia-Pinto J, Oliveira PF, **Homem CCF**, Moura RS. [Retinoic Acid-Mediated Control of Energy Metabolism Is Essential for Lung Branching Morphogenesis.](#) Int J Mol Sci. 2024 May 6;25(9):5054. doi: 10.3390/ijms25095054. PMID: 38732272; PMCID: PMC11084425.

**BIOMEDICAL ENGINEERING**

**Mendes BB**, Zhang Z, **Conriot J**, **Sousa DP**, **Ravasco JMJM**, Onweller LA, Lorenc A, Rodrigues T, Reker D, **Conde J**. [A large-scale machine learning analysis of inorganic nanoparticles in preclinical cancer research.](#) Nat Nanotechnol. 2024 May 15. doi: 10.1038/s41565-024-01673-7. Epub ahead of print. PMID: 38750164.

**CARDIOLOGY AND CARDIOVASCULAR MEDICINE**

**Dores H**, Antunes M, Caldeira D, Pereira HV. [Cardiovascular benefits of resistance exercise: It's time to prescribe.](#) Rev Port Cardiol. 2024 May 2:S0870-2551(24)00117-3. English, Portuguese. doi: 10.1016/j.repc.2024.02.009. Epub ahead of print. PMID: 38703948.

Silva-Cardoso J, Santos J, **Araújo I**, Andrade A, Morais Sarmiento P, Santos P, Moura B, Marques I, Peres M, Ferreira JP, Agostinho J, Pimenta J. [conTemporary](#)

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### **CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ NEUROLOGY (CLINICAL)**

Marios-Nikos P, Alex B, Jens F, **Isabel F**, Jan G, Mira K, Ronen L, Paolo M, Marc R, Jeffrey L S, Daniel S, Adriaan VE, Claus Z, Nikki R, Luzia B, Urs F. [EnDovascular Therapy Plus Best Medical Treatment \(BMT\) Versus BMT Alone for Medlum distal VeSsel Occlusion sTroke \(DISTAL\): An international, multicentre, randomized-controlled, two-arm, assessor-blinded trial](#). Eur Stroke J. 2024 May 3:23969873241250212. doi: 10.1177/23969873241250212. Epub ahead of print. PMID: 38702876.

### **CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING**

**Abecasis J**, Lopes P, Maltes S, Santos RR, Ferreira A, Ribeiros R, Andrade MJ, Uva MS, Gil V, **Félix A**, Ramos S, **Cardim N**. [Histopathological myocardial changes in patients with severe aortic stenosis referred for surgical valve replacement: a cardiac magnetic resonance correlation study](#). Eur Heart J Cardiovasc Imaging. 2024 May 31;25(6):839-848. doi: 10.1093/ehjci/jeae023. PMID: 38246861.

### **CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ SURGERY**

Rastogi V, Sulzer TAL, de Bruin JL, Oliveira-Pinto J, Alberga AJ, Hoeks SE, **Bastos Goncalves F**, Ten Raa S, Josee van Rijn M, Akkersdijk GP, Fioole B, Verhagen HJM. [Aneurysm Sac Dynamics and its Prognostic Significance Following Fenestrated and Branched Endovascular Aortic Aneurysm Repair](#). Eur J Vasc Endovasc Surg. 2024 May;67(5):728-736. doi: 10.1016/j.ejvs.2023.11.033. Epub 2023 Nov 22. PMID: 37995962.

### **ENDOCRINOLOGY, DIABETES AND METABOLISM**

**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. 2024 May;84(2):625-634. doi: 10.1007/s12020-023-03633-y. Epub 2023 Dec 16. PMID: 38102497.

### **FAMILY PRACTICE**

**Gomes LA**, **Fernandes R**, Caeiro C, **Henriques AR**, **de Sousa RD**, **Branco JC**, **Pimentel-Santos F**, Moniz R, Vicente L, **Canhão H**, **Rodrigues AM**, **Cruz EB**. [A Stratified Approach for Managing Patients With Low Back Pain in Primary Care \(SPLIT Program\): A Before-and-After Study](#). Ann Fam Med. 2024 May-Jun;22(3):195-202. doi: 10.1370/afm.3104. PMID: 38806277.

### **GASTROENTEROLOGY/ HEPATOLOGY**

Bragança S, Ramos M, Lopes S, Alexandrino G, Mendes M, **Perdigoto R**, Coimbra J, **Marques HP**, **Cardoso FS**. [Referral for liver transplant following acute variceal bleeding: a multicenter cohort study](#). Eur J Gastroenterol Hepatol. 2024 May 1;36(5):657-664. doi: 10.1097/MEG.0000000000002749. Epub 2024 Mar 4. PMID: 38477864.

### **HEALTH INFORMATICS**

Lemos M, **Henriques AR**, **Lopes DG**, **Mendonça N**, Victorino A, Costa A, Arriaga M, **Gregório MJ**, **de Sousa R**, **Canhão H**, **Rodrigues AM**. [Usability and Utility of a Mobile App to Deliver Health-Related Content to an Older Adult Population: Pilot Noncontrolled Quasi-Experimental Study](#). JMIR Form Res. 2024 May 17;8:e46151. doi: 10.2196/46151. PMID: 38758585.

Martins A, **Londral A**, L Nunes I, **V Lapão L**. [Unlocking human-like conversations: Scoping review of automation techniques for personalized healthcare](#)

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### **HEALTH INFORMATICS/HEALTH POLICY**

**Aluh DO**, Aigbogun O, Okoro RN. [Global pharma departure from Nigeria: A threat to public health](#). *J Med Access.* 2024 May 23;8:27550834241256450. doi: 10.1177/27550834241256450. PMID: 38799086; PMCID: PMC11119502.

### **HEALTH POLICY/INTERNAL MEDICINE/ONCOLOGY**

Leruez-Ville M, Chatzakis C, Lilleri D, Blazquez-Gamero D, Alarcon A, Bourgon N, Foulon I, Fourgeaud J, Gonce A, Jones CE, Klapper P, Krom A, Lazzarotto T, Lyall H, **Paixao P**, Papaevangelou V, Puchhammer E, Sourvinos G, Valley P, Ville Y, Vossen A. [Consensus recommendation for prenatal, neonatal and postnatal management of congenital cytomegalovirus infection from the European congenital infection initiative \(ECCI\)](#). *Lancet Reg Health Eur.* 2024 Apr 1;40:100892. doi: 10.1016/j.lanpe.2024.100892. PMID: 38590940; PMCID: PMC10999471.

### **IMMUNOLOGY AND ALLERGY**

**Caetano J**, Rodrigues LM, **Alves JD**. [What have we learned on pre, very early, and early systemic sclerosis microcirculatory pathophysiology? A scoping review](#). *Autoimmun Rev.* 2024 May;23(5):103540. doi: 10.1016/j.autrev.2024.103540. Epub 2024 Apr 9. PMID: 38604463.

### **IMMUNOLOGY AND ALLERGY/ PULMONARY AND RESPIRATORY MEDICINE**

Coelho PS, Santos GMD, Sangalho I, Rosa S, **Pinto PL**. [Role of serum-specific immunoglobulin E in egg allergy: a comprehensive study of Portuguese pediatric patients](#). *Allergol Immunopathol (Madr).* 2024 May 1;52(3):53-59. doi: 10.15586/aei.v52i3.1058. PMID: 38721955.

### **IMMUNOLOGY AND ALLERGY/RHEUMATOLOGY**

Farisogullari B, Lawson-Tovey S, Hyrich KL, Gossec L, Carmona L, Strangfeld A, Mateus EF, Schäfer M, **Rodrigues A**, Hachulla E, Gomez-Puerta JA, Mosca M, Durez P, Trefond L, Goulenok T, Cornalba M, Stenova E, Bulina I, Strakova E, Zepa J, Roux N, Brocq O, Veillard E, Raffener B, Burmester GR, Mariette X, Machado PM; EULAR COVAX Registry. [Factors associated with disease flare following SARS-CoV-2 vaccination in people with inflammatory rheumatic and musculoskeletal diseases: results from the physician-reported EULAR Coronavirus Vaccine \(COVAX\) Registry](#).

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Mathew AJ, Lund ML, Pedersen MP, Rasmussen SH, Glintborg B, Loft AG, Nissen MJ, Möller B, **Rodrigues AM, Santos FP**, Rotar Z, Tomšič M, Relas H, Peltomaa R, Gudbjornsson B, Löve TJ, Kocaer SB, Koken Avsar A, Midtbøll Ørnbjerg L, Østergaard M. [Enthesitis in a European registry-based cohort of patients with psoriatic arthritis treated with tumour necrosis factor inhibitors: clinical burden, patient-reported outcomes, and treatment response.](#) Scand J Rheumatol. 2024 May 21;1-11. doi: 10.1080/03009742.2024.2336743. Epub ahead of print. PMID: 38771017.

### ***INFECTIOUS DISEASES/ MICROBIOLOGY (MEDICAL)***

Sweeney DA, Lobo SM, **Póvoa P**, Kalil AC. [Choosing immunomodulating therapies for the treatment of COVID-19: recommendations based on placebo-controlled trial evidence.](#) Clin Microbiol Infect. 2024 May;30(5):611-618. doi: 10.1016/j.cmi.2023.12.028. Epub 2024 Jan 3. PMID: 38182048.

### ***INFECTIOUS DISEASES/ MICROBIOLOGY (MEDICAL)/ PHARMACOLOGY (MEDICAL)***

Boattini M, Bianco G, Llorente LI, Acero LA, Nunes D, Seruca M, Mendes VS, **Almeida A**, Bastos P, Rodríguez-Villodres Á, Gascón AG, Halperin AV, Cantón R, Escartín MNL, González-López JJ, Floch P, Massip C, Chainier D, Barraud O, Dortet L, Cuzon G, Zancanaro C, Mizrahi A, Schade R, Rasmussen AN, Schønning K, Hamprecht A, Schaffarczyk L, Glöckner S, Rödel J, Kristóf K, Balonyi Á, Mancini S, Quiblier C, Fasciana T, Giammanco A, Paglietti B, Rubino S, Budimir A, Bedenić B, Rubic Z, Marinović J, Gartzonika K, Christaki E, Mavromanolaki VE, Maraki S, Yalçın TY, Azap ÖK, Licker M, Musuroi C, Talapan D, Vrancianu CO, Comini S, Zalas-Więcek P, Michalska A, Cavallo R, Melo Cristino J, Costa C. [Enterobacterales carrying chromosomal AmpC  \$\beta\$ -lactamases in Europe \(EuESCPM\): Epidemiology and antimicrobial resistance burden from a cohort of 27 hospitals, 2020-2022.](#) Int J

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### **INTERNAL MEDICINE**

Zheng J, Wang S, **Timóteo AT**. [Efficacy and safety of eplerenone in heart failure management.](#) Eur J Intern Med. 2024 May;123:163-164. doi: 10.1016/j.ejim.2024.02.006. Epub 2024 Feb 15. PMID: 38365517.

### **MEDICINE (MISCELLANEOUS)**

Baumbach A, van Royen N, Amat-Santos IJ, Hudec M, Bunc M, Ijsselmuiden A, Laanmets P, Unic D, Merkely B, Hermanides RS, Ninios V, Protasiewicz M, Rensing BJWM, Martin PL, Feres F, **De Sousa Almeida M**, van Belle E, Linke A, Ielasi A, Montorfano M, Webster M, Toutouzas K, Teiger E, Bedogni F, Voskuil M, Pan M, Angerås O, Kim WK, Rothe J, Kristić I, Peral V, Garg S, Elzomor H, Tobe A, Morice MC, Onuma Y, Soliman O, Serruys PW; LANDMARK trial investigators. [LANDMARK comparison of early outcomes of newer-generation Myval transcatheter heart valve series with contemporary valves \(Sapien and Evolut\) in real-world individuals with severe symptomatic native aortic stenosis: a randomised non-inferiority trial.](#) Lancet. 2024 May 22:S0140-6736(24)00821-3. doi: 10.1016/S0140-6736(24)00821-3. Epub ahead of print. PMID: 38795719.

Bhattacharjee, N. V., Schumacher, A. E., Aali, A., Abate, Y. H., Abbasgholizadeh, R., Abbasian, M., **Conde, J.**, ... & Bahri, R. A. (2024). [Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021.](#) The Lancet, 403(10440), 2057-2099. doi: 10.1016/S0140-6736(24)00550-6.

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**Roque Reis LS, Gani K, André**, Peres C, Nunes G, **Santos R, O'Neill A, Escada P**. [Adaptação e Validação para Português Europeu das Escalas Categories Auditory Performance-II e Infant-Toddler Meaningful Auditory Integration Scale em Crianças com Implante Coclear \[Adaptation and Validation for European Portuguese of the Auditory Performance Categories-II and Infant-Toddler Meaningful Auditory Integration Scale for Children with Cochlear Implant\]](#). *Acta*

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

Magriço M, Meira B, Fernandes M, Salavisa M, Saraiva M, Borbinha C, **Marto JP**, Barbosa R, **Bugalho P**. [Unveiling the role of subjective cognitive complaints in predicting cognitive impairment in Parkinson´s Disease- A longitudinal study with 4 year of follow up](#). *Neurol Sci*. 2024 May 26. doi: 10.1007/s10072-024-07607-4. Epub ahead of print. PMID: 38797763.

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### **NEPHROLOGY**

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### **OBSTETRICS AND GYNECOLOGY**

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

Cruz JJ, Bernardeco J, Rijo C, Cohen A, **Serrano F**. [Hepatic arterial buffer response in monozygotic twins with selective fetal growth restriction](#). J Perinat Med. 2024 May 21. doi: 10.1515/jpm-2024-0016. Epub ahead of print. PMID: 38769041.

### **OPHTHALMOLOGY**

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### **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. 2024 May;124(5):1475-1486. doi: 10.1007/s00421-023-05357-3. Epub 2023 Dec 20. PMID: 38117338; PMCID: PMC11055715.

### **PHARMACOLOGY (MEDICAL)**

Sinnige JS, Smit MR, Ghose A, de Grooth HJ, Itenov TS, Ischaki E, Laffey J, Paulus F, **Póvoa P**, Pierrakos C, Pisani L, Roca O, Schultz MJ, Szuldrzynski K, Tuinman PR, Zimatore C, Bos LDJ; PEGASUS investigators. [Personalized mechanical ventilation guided by ultrasound in patients with acute respiratory distress syndrome \(PEGASUS\): study protocol for an international randomized clinical trial](#). Trials. 2024 May 7;25(1):308. doi: 10.1186/s13063-024-08140-7. PMID: 38715118; PMCID: PMC11077821.

### **PHARMACOLOGY, TOXICOLOGY AND PHARMACEUTICS**

Barata IS, Rueff J, Kranendonk M, Esteves F. [Pleiotropy of Progesterone Receptor Membrane Component 1 in Modulation of Cytochrome P450 Activity](#). *J Xenobiot*. 2024 May 1;14(2):575-603. doi: 10.3390/jox14020034. PMID: 38804287; PMCID: PMC11130977.

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

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### **RADIOLOGY, NUCLEAR MEDICINE AND IMAGING**

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### **RHEUMATOLOGY**

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### **SURGERY/ TRANSPLANTATION**

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