

**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](#)).

Junho / June 2025

ANATOMY

Silva MG, Rodrigues D, Machado-Rodrigues AM, Nogueira H, Gama A, Padez C. [Sociodemographic Characteristics Associated With Food-Insecure Households With Preschool and School Children: Findings From the ObesInCrisis Study](#). *Am J Hum Biol*. 2025 Jun;37(6):e70080. doi: 10.1002/ajhb.70080. PMID: 40485622.

BIOCHEMISTRY/ CELL BIOLOGY/ ENDOCRINOLOGY

Marques ARA, Ferreira IS, Ribeiro Q, Ferraz MJ, **Lopes E, Pinto D**, Hall M, **Ramalho J**, Artola M, **Almeida MS**, Rodrigues G, **Gonçalves PA**, Ferreira J, Borbinha C, Marto JP, Viana-Baptista M, Gouveia E Melo R, Pedro LM, Soares MIL, **Vaz WLC, Vieira OV**, Aerts JMFG. [Glucosylated cholesterol accumulates in atherosclerotic lesions and impacts macrophage immune response](#). *J Lipid Res*. 2025 Jun;66(6):100825. doi: 10.1016/j.jlcr.2025.100825. Epub 2025 May 15. PMID: 40381699; PMCID: PMC12197965.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY (MISCELLANEOUS)

Lince-Faria M, **Ferreira-Silva A, Pimenta-Marques A**. [The Centriole Stability Assay: A Method to Investigate Mechanisms Involved in the Maintenance of the Centrosome Structure in Drosophila Cultured Cells](#). *Bio Protoc*. 2025 Jun 5;15(11):e5330. doi: 10.21769/BioProtoc.5330. PMID: 40511405; PMCID: PMC12152112.

CANCER RESEARCH/ MOLECULAR BIOLOGY/ MOLECULAR MEDICINE

Martins F, Arada R, Barros H, Matos P, **Ramalho J**, Ceña V, Bonifácio VDB, Gonçalves LG, **Serpa J**. [Lactate-coated polyurea-siRNA dendriplex: a gene therapy-directed and metabolism-based strategy to impair glioblastoma \(GBM\)](#). *Cancer Gene Ther*. 2025 Jun;32(6):690-705. doi: 10.1038/s41417-025-00906-8. Epub 2025 Apr 27. PMID: 40289180.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE

Calé R, Pereira H, Luz A, Campante **Teles R**, Costa M, Silva JC, Braga P, Pinto Cardoso P, Cruz Ferreira R, Seixo F, Costa J, Ribeiro H, Brum da Silveira J, Costa Ferreira P, Guardado J, Farto E Abreu P, Fernandes R, Vinhas H, Martins D, Caires G, Adrega T, Caria R, Bernardes L, Baptista J, **de Araújo Gonçalves P**, Infante Oliveira E, Sousa P, Braga C, Jerónimo Sousa P, **Almeida M**; researchers of the National Registry of Interventional Cardiology. [Portuguese National Registry of Interventional Cardiology: Official report of percutaneous coronary angiography and intervention from 2014 to 2023](#). Rev Port Cardiol. 2025 Jun;44(6):335-345. English, Portuguese. doi: 10.1016/j.repc.2024.12.003. Epub 2025 Feb 26. PMID: 40021085.

Cannata S, Sultan I, Van Mieghem N, Giordano A, De Backer O, Byrne J, Tchetché D, Buccheri S, Nombela-Franco L, **Teles RC**, Barbanti M, Barbato E, Amat Santos I, Blackman DJ, Maisano F, Lorusso R, La Spina K, Millin A, Kliner DE, van den Dorpel M, Acerbi E, Lulic D, Divekar K, Cesario V, Chavez Solsol JF, **Brito J**, Costa G, Casenghi M, Fernandez Cordon C, Sherwen A, Buzzatti N, Pasta S, Turrisi M, Minacori M, Manca P, Nuzzi V, Tamburino C, Bedogni F, Gandolfo C, Latib A. [Transcatheter Aortic Valve Replacement With Intra-Annular Self-Expanding or Balloon-Expandable Valves: The Multicenter International NAVULTRA Registry](#). JACC Cardiovasc Interv. 2025 Jun 23;18(12):1557-1568. doi: 10.1016/j.jcin.2025.03.015. Epub 2025 May 10. PMID: 40347199.

Sá Couto D, Lopes I, Oliveira MI, Schmidt C, Magalhães S, **Dores H**, Ribeiro F, Santos M. [Exercise intensity prescription in heart failure: A comparison of different physiological parameters](#). Rev Port Cardiol. 2025 Jun;44(6):361-371. English, Portuguese. doi: 10.1016/j.repc.2024.11.018. Epub 2025 Apr 10. PMID: 40221088.

Sá D, Mendonça MI, Serrão M, Sousa F, Abreu G, Henriques E, Borges S, Freitas S, Rodrigues M, Guerra G, Ornelas I, Drumond A, Sousa AC, **Palma Dos Reis R**. [Unraveling the genetic basis of subclinical atherosclerosis: Early genetic detection can improve cardiovascular prevention](#). Rev Port Cardiol. 2025 Jun;44(6):351-358. English, Portuguese. doi: 10.1016/j.repc.2025.01.003. Epub 2025 Mar 6. PMID: 40057183.

Timoteo AT. [Serum Beta-2 microglobulin: A new marker in postmenopausal cardiovascular risk?](#) Int J Cardiol. 2025 Jun 16;437:133512. doi: 10.1016/j.ijcard.2025.133512. Epub ahead of print. PMID: 40516656.

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

Ramalingam S, **Toste J**, Papadopoulos K, Keramida K. [Right Heart Assessment in Cancer Patients: Call to Action](#). Echocardiography. 2025 Jun;42(6):e70212. doi: 10.1111/echo.70212. PMID: 40465829.

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

Chen H, Colasurdo M, Matsukawa H, Cunningham C, Maier I, Jabbour P, Kim JT, Wolfe SQ, Rai A, Starke RM, Psychogios MN, Shaban A, Goyal N, Yoshimura S, Cuellar H, Howard B, Alawieh A, Alaraj A, Ezzeldin M, Romano DG, Tanweer O, Mascitelli J, **Fragata I**, Polifka A, Siddiqui F, Osbun J, Crosa R, Grandhi R, Matouk C, Park MS, Levitt MR, Brinjikji W, Moss M, Daglioglu E, Williamson R Jr, Navia P, Chowdhry S, Altschul DJ, Spiotta AM, Kan P. [Treatment outcomes of successful M1 versus M2 thrombectomy for low-ASPECTS stroke patients](#). Interv Neuroradiol. 2025 Jun 18:15910199251343283. doi: 10.1177/15910199251343283. Epub ahead of print. PMID: 40530425; PMCID: PMC12176791.

CRITICAL CARE AND INTENSIVE CARE MEDICINE

Dankl D, Bruno RR, Beil M, Flaatten H, Kelm M, Sigal S, Szczeklik W, Elhadi M, Joannidis M, Koköfer A, Schreiber B, Singhartinger F, Oeyen S, Marsh B, **Moreno R**, Leaver S, De Lange DW, Guidet B, Boumendil A, Jung C, Wernly B. [Prognosis of Nonagenarian ICU Patients A Bayesian analysis of prospective European studies](#). Ann Intensive Care. 2025 Jun 23;15(1):85. doi: 10.1186/s13613-025-01496-2. PMID: 40549223; PMCID: PMC12185795.

DERMATOLOGY

Pásek M, **Marques E**, Tretera V, Arenberger P, Arenbergerová M, Šilar J, Šulc D. [Prognostic Biomarkers for Anti-PD-1 Monoclonal Antibodies in the First Line Treatment of Advanced Melanoma](#). Int J Dermatol. 2025 Jun 27. doi: 10.1111/ijd.17842. Epub ahead of print. PMID: 40579389.

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[Retrospective Cohort Study](#). *Dermatol Ther* (Heidelb). 2025 Jun 3. doi: 10.1007/s13555-025-01453-8. Epub ahead of print. PMID: 40459711.

EMERGENCY MEDICINE

Pedro Cidade J, Conceição C, **Nunes J**, **Lufinha A**. [Clinical application of the National Early Warning Score 2 in prehospital emergency care: a study of evaluating risk with an objective scoring of severity](#). *Emergencias*. 2025 Jun;37(3):177-185. Spanish, English. doi: 10.55633/s3me/034.2025. PMID: 40531117.

ENDOCRINOLOGY, DIABETES AND METABOLISM

van Wegberg AMJ, MacDonald A, Ahring K, Bélanger-Quintana A, Beblo S, Blau N, Bosch AM, Burlina A, Campistol J, Coşkun T, Feillet F, Giżewska M, Huijbregts SC, Leuzzi V, Maillot F, Muntau AC, **Rocha JC**, Romani C, Trefz F, van Spronsen FJ. [European guidelines on diagnosis and treatment of phenylketonuria: First revision](#). *Mol Genet Metab*. 2025 Jun;145(2):109125. doi: 10.1016/j.ymgme.2025.109125. Epub 2025 Apr 30. PMID: 40378670.

ENVIRONMENTAL SCIENCE (MISCELLANEOUS)

Zare Jeddi M, Galea KS, Ashley-Martin J, Nassif J, Pollock T, Poddalgoda D, Kasiotis KM, Machera K, Koch HM, López ME, Chung MK, Kil J, Jones K, Covaci A, Ait Bamaï Y, Fernandez MF, Kase RP, **Louro H**, **Silva MJ**, Santonen T, Katsonouri A, **Castaño A**, Quirós-Alcalá L, [...] Haynes EN, Hopf NB. [Guidance on minimum information requirements \(MIR\) from designing to reporting human biomonitoring \(HBM\)](#). *Environ Int*. 2025 Jun 16;202:109601. doi: 10.1016/j.envint.2025.109601. Epub ahead of print. PMID: 40609511.

EPIDEMIOLOGY/ GENETICS (CLINICAL)

Pinto M, Sacadura J, Costa PM, Caeiro S, **Louro H**, **Silva MJ**. [Assessment of the Genotoxic Hazard of Estuarine Sediments Using an Integrative Approach With LacZ Plasmid-Based Transgenic Mice](#). *Environ Mol Mutagen*. 2025 Jun 16. doi: 10.1002/em.70019. Epub ahead of print. PMID: 40521651.

HEALTH INFORMATICS/ HEALTH POLICY

Michelsen B, Østergaard M, Nissen MJ, Ciurea A, Möller B, Midtbøll Ørnbjerg L, Horák P, Glintborg B, MacDonald A, Laas K, Sokka-Isler T, Gudbjornsson B, Iannone F, Hellamand P, Kvien TK, **Rodrigues AM**, Codreanu C, Rotar Z, Castrejón I, Wallman JK, Pavelka K, Loft AG, Heddle M, Vorobjov S, Relas H, Gröndal G, Gremese E, van der Horst-Bruinsma I, Kristianslund EK, Santos MJ, Mogosan C, Tomsic M, Diaz-Gonzalez F, Giuseppe DD, Nielsen SW, Hetland ML.

[Disparities in the organisation of national healthcare systems for treatment of patients with psoriatic arthritis and axial spondyloarthritis across Europe.](#) Health Policy. 2025 Jun;156:105311. doi: 10.1016/j.healthpol.2025.105311. Epub 2025 Apr 4. PMID: 40245675.

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HEMATOLOGY

Guerra A, Lo Presti V, Chen DW, **Martins AC,** Rivera A, Hamilton N, Sharma P, Ginzburg YZ, Castruccio Castracani C, Casu C, Gupta R, **Gozzelino R,** Behrens EM, Bennett L, Paulson RF, Kurre P, Rivella S. [TNF \$\alpha\$ signaling restores steady-state hematopoiesis in a TNF \$\alpha\$ KO mouse model of anemia of inflammation.](#) Blood. 2025 Jun 13;blood.2025029352. doi: 10.1182/blood.2025029352. Epub ahead of print. PMID: 40512402.

IMMUNOLOGY AND ALLERGY

Atzert N, Gore C, Knibb RC, Alviani C, Angier E, Blumchen K, Comberiati P, Duca B, DunnGalvin A, Garriga-Baraut T, Gowland MH, Egmosse B, Khaleva E, Mortz CG, **Pite H,** Pfaar O, Podesta M, Sanchez Garcia S, Santos AF, Roberts G, Vazquez Ortiz M. [Improved Transition Management of Adolescents and Young Adults With Allergy and/or Asthma: An EAACI Task Force Report on a Follow-Up European Survey.](#) Allergy. 2025 Jun;80(6):1592-1612. doi: 10.1111/all.16603. Epub 2025 Jun 17. PMID: 40525966; PMCID: PMC12186585.

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IMMUNOLOGY AND ALLERGY/ PULMONARY AND RESPIRATORY MEDICINE

Bernstein JA, Ansotegui I, Asero R, Banerji A, Betschel S, Craig T, García-Abujeta JL, Gómez RM, Grumach AS, Hide M, Lang DM, Levin M, Longhurst HJ, Maurer M, Morais-Almeida M, Van DN, **Pité H**, Riedl MA, Rojo Gutiérrez MI, Saini SS, Sussman G, Toubi E, Zanichelli A, Zuraw B, Zuberbier T. [Diagnostic testing for chronic spontaneous urticaria with or without angioedema: The do's, don't and maybe's](#). World Allergy Organ J. 2025 Jun 9;18(7):101068. doi: 10.1016/j.waojou.2025.101068. PMID: 40546743; PMCID: PMC12180992.

IMMUNOLOGY AND ALLERGY/ RHEUMATOLOGY

Pedrosa B, Cardoso G, Gonçalves-Pereira M, Grigaitė U, Aluh D, Dias M, Silva M, Caldas-de-Almeida J. [Experiences and expectations of residents and professionals of supported accommodations for people with serious mental disorders in Portugal](#). Soc Psychiatry Psychiatr Epidemiol. 2025 Jun;60(6):1409-1419. doi: 10.1007/s00127-025-02818-2. Epub 2025 Jan 17. PMID: 39820530.

INFECTIOUS DISEASES/ PUBLIC HEALTH, ENVIRONMENTAL AND OCCUPATIONAL HEALTH

Cortes J, **Aluh D**, Fronteira I, **Gil D**, Aguiar P. [Sixth wave of global public health progress](#). One Health. 2025 Mar 14;20:101015. doi: 10.1016/j.onehlt.2025.101015. PMID: 40230586; PMCID: PMC11995086.

MEDICINE (MISCELLANEOUS)

Andreoli C, Dusinska M, Bossa C, Battistelli CL, **Silva MJ, Louro H.** [Regulatory practices on the genotoxicity testing of nanomaterials and outlook for the future](#). Regul Toxicol Pharmacol. 2025 Jun 6;162:105881. doi: 10.1016/j.yrtph.2025.105881. Epub ahead of print. PMID: 40482696.

Capela C, Santos E, Palavra F, Guimarães J, Cerqueira J, Vale J, Sousa L, Batista S, Sá MJ. [Multiple Sclerosis Disease-Modifying Treatment Algorithms: 2025 Positioning of the Portuguese Multiple Sclerosis Study Group](#). Acta Med Port. 2025 Jun 2;38(6-7):414-426. doi: 10.20344/amp.22380. Epub 2025 May 6. PMID: 40326993.

Hadjileontiadis LJ, Charisis V, Hadjidimitriou S, Dias SB, Apostolidis G, Dimaridis G, Kitsas I, Karlas A, Fasoula NA, Levi-Schaffer F, Silva H, Dimitroulas T, **Rodrigues AM**, Coates LC, Luime J, Tchetverikov I; iPROLEPSIS consortium. [European advances in digital rheumatology: explainable insights and personalized digital health tools for psoriatic arthritis](#). EClinicalMedicine. 2025

May 17;84:103243. doi: 10.1016/j.eclinm.2025.103243. PMID: 40496877; PMCID: PMC12146546.

Pedro Costa A, Afonso A, da Silva Brito I, **Dionísio Mestre T**, **Matos Pires A**, **Lopes MJ**. [Anxiety in Portugal: Associated Factors in Adult Population from 2011 to 2021](#). J Clin Med. 2025 Jun 10;14(12):4100. doi: 10.3390/jcm14124100. PMID: 40565848; PMCID: PMC12194359.

Ramos-Polo R, Ras-Jiménez MDM, Basalo Carbajales MDC, Jovells-Vaqué S, Garcia-Pinilla JM, Cobo-Marcos M, de Juan-Bagudá J, **Fonseca C**, Francesch Manzano J, Cosa AE, Yun-Viladomat S, Enjuanes C, Tajés Orduña M, Comin-Colet J. [Myocardial Performance Improvement After Iron Replacement in Heart Failure Patients: The IRON-PATH II Echo-Substudy](#). J Clin Med. 2025 Jun 7;14(12):4048. doi: 10.3390/jcm14124048. PMID: 40565791; PMCID: PMC12193777.

Santos J, Nobre JP, Ferreira JP, Marques MI, Henriques M, **Cardim N**, Villanueva T, Gonçalves A. [Errata ao artigo "PRIMARY-HF: Diagnóstico de Insuficiência Cardíaca em Cuidados de Saúde Primários com Point-of-Care" \[Correction to the Article "PRIMARY-HF: Heart Failure Screening in Primary Care using Point-of-Care"\]](#). Acta Med Port. 2025 Jun 2;38(6-7):433. Portuguese. doi: 10.20344/amp.23337. Epub 2025 Jun 2. Erratum for: Acta Med Port. 2025 Apr 01;38(4):237-244. doi: 10.20344/amp.22463. PMID: 40580434.

NEUROLOGY (CLINICAL)

Barbosa R, Bastos P, Pita Lobo P, Rodrigues CC, Valadas A, Correia Guedes L, Mano B, Alberto S, Paixão V, Rosa MM, Matias R, Martins D, **Mendonça M**, Coelho M. [Differential Effects of Levodopa and Stimulation on Post-Surgery Freezing of Gait in Subthalamic Nucleus Deep Brain Stimulation Parkinson's Disease Patients: A Clinical and Kinematic Analysis](#). Mov Disord Clin Pract. 2025 Jun 12. doi: 10.1002/mdc3.70170. Epub ahead of print. PMID: 40504072.

NEUROSCIENCE (MISCELLANEOUS)

Erginkaya M, Cruz T, **Brotas M**, Marques A, Steck K, Nern A, Torrão F, Varela N, Bock DD, Reiser M, Chiappe ME. [A competitive disinhibitory network for robust optic flow processing in Drosophila](#). Nat Neurosci. 2025 Jun;28(6):1241-1255. doi: 10.1038/s41593-025-01948-9. Epub 2025 May 1. PMID: 40312577; PMCID: PMC12148931.

OBSTETRICS AND GYNECOLOGY/ REHABILITATION/ REPRODUCTIVE MEDICINE

González-Muñoz S, Cerván-Martín M, Guzmán-Jiménez A, Rodríguez-Martín AI, Garrido N, Castilla JA, Gonzalvo MC, Clavero A, Molina M, Vilches MÁ, Espuch-Oliver A, Maldonado V, García-Peña ML, Galiano-Gutiérrez N, Santamaría E, González C, Quintana-Ferraz F, Gómez S, Amorós D, Martínez-Granados L, Ortega-González Y, Burgos M, Pereira-Caetano I, Pinto GS, Aguiar A, Pereira IS, López-Rodrigo O, Bassas L, Seixas S, **Gonzçalves J**, Lopes AM, Larriba S, Bossini-Castillo L, Carmona FD, Palomino-Morales RJ. [A genetic variant in the 3'-UTR of PIWIL4 confers risk for extreme phenotypes of male infertility by altering miR-215 and miR-136 binding affinity](#). Hum Reprod. 2025 Jun 11:deaf107. doi: 10.1093/humrep/deaf107. Epub ahead of print. PMID: 40499151.

PEDIATRICS, PERINATOLOGY AND CHILD HEALTH

Leite AL, Azevedo LF, Campos RA, Rangel MA, Torres C, Santos FM, Aires S, Firmino-Machado J, **Limbert C**. [Insulin-like growth factor 1 as a diagnostic marker of progressive central precocious puberty: a prospective study](#). Eur J Pediatr. 2025 Jun 24;184(7):438. doi: 10.1007/s00431-025-06276-5. PMID: 40555852; PMCID: PMC12187815.

PSYCHOLOGY (MISCELLANEOUS)

Manica I, Almeida S, Lemos R, Sousa B, **Oliveira-Maia AJ**. [Trait mindfulness is protective for development of psychological distress in women with early breast cancer](#). Health Psychol Behav Med. 2025 Jun 17;13(1):2517599. doi: 10.1080/21642850.2025.2517599. PMID: 40534625; PMCID: PMC12175184.

PULMONARY AND RESPIRATORY MEDICINE

Marques A, Antão J, Rodrigues G, Paixão C, Rebelo P, **Machado A**, Souto-Miranda S, Grave AS, Dias C, Marinho R, Mendes MA, Oliveira A, Alvarelhão JJ. [Pulmonary rehabilitation in minimal versus high resource settings in COPD: a non-inferiority and economic evaluation](#). Respir Med. 2025 Jun 30;246:108229. doi: 10.1016/j.rmed.2025.108229. Epub ahead of print. PMID: 40602548.

RADIOLOGY, NUCLEAR MEDICINE AND IMAGING

Bilreiro C, Fernandes FF, Simões RV, Henriques R, Chavarrías C, Ianus A, Castillo-Martin M, Carvalho T, Matos C, Shemesh N. [Pancreatic Intraepithelial Neoplasia Revealed by Diffusion-Tensor MRI](#). Invest Radiol. 2025 Jun 1;60(6):397-406. doi: 10.1097/RLI.0000000000001142. Epub 2024 Dec 13. PMID: 39668406.

RHEUMATOLOGY

Sakellariou G, Adinolfi A, **Madruga Dias J**, Damiani A, Carrara G, Scirè CA, Batticciotto A, Costa M, Filippucci E, Porta F, Canzoni M, Iagnocco A, Filippou G. [Development of an algorithm for optimizing the implementation of ultrasound in the diagnostic workflow in clinical practice: preliminary phase of the RADIAL study, a project of the US Study Group of the Italian Society for Rheumatology](#). Reumatismo. 2025 Jun 25. doi: 10.4081/reumatismo.2025.1787. Epub ahead of print. PMID: 40568813.

TOXICOLOGY

Hagyouf YA, Zenati RA, **Soares NC**, Al-Hroub HM, Khan FM, Qaisar R, Hamoudi R, El-Awady R, Abuhelwa AY, Ramadan W, El-Huneidi W, Abu-Gharbieh E, Alzoubi KH, Bustanji Y, Semreen MH. [Molecular signatures of xenograft colorectal cancer in mice treated with topotecan: A mass spectrometry-based study](#). Toxicol Rep. 2025 May 14;14:102045. doi: 10.1016/j.toxrep.2025.102045. PMID: 40496508; PMCID: PMC12149579.