

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 2025

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ BIOCHEMISTRY/ CLINICAL BIOCHEMISTRY

Rojo AI, Buttari B, Cadenas S, Carlos AR, Cuadrado A, **Falcão AS**, López MG, Georgiev MI, Grochot-Przeczek A, Gumeni S, Jiménez-Villegas J, Horbanczuk JO, Konu O, Lastres-Becker I, Levonen AL, Maksimova V, Michaeloudes C, Mihaylova LV, Mickael ME, Milisav I, Miova B, Rada P, Santos M, **Seabra MC**, Strac DS, **Tenreiro S**, Trougakos IP, Dinkova-Kostova AT. [Corrigendum to "Model organisms for investigating the functional involvement of NRF2 in non-communicable diseases" \[Redox Biol. 79 \(2025\) 103464\]](#). Redox Biol. 2025 Mar;80:103496. doi: 10.1016/j.redox.2025.103496. Epub 2025 Jan 19. Erratum for: Redox Biol. 2025 Feb;79:103464. doi: 10.1016/j.redox.2024.103464. PMID: 39833011; PMCID: PMC11889366.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ CANCER RESEARCH/ CELL BIOLOGY

Bouvier C, Gonzalez-Santamarta M, Profitós-Pelejà N, Armengol M, Quinet G, Alasseur Q, Ceccato L, Xolalpa W, Freire R, Guillermet-Guibert J, Reybier K, Caminade AM, Beck HC, **Carvalho AS**, **Matthiesen R**, Rain JC, Sutherland JD, Barrio R, Roué G, Rodriguez MS. [Role of TRIM24 in the regulation of proteasome-autophagy crosstalk in bortezomib-resistant mantle cell lymphoma](#). Cell Death Discov. 2025 Mar 17;11(1):108. doi: 10.1038/s41420-025-02355-6. PMID: 40097385; PMCID: PMC11914149.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ CELL BIOLOGY

Porfírio-Rodrigues P, **Pereira T**, **Jacinto A**, **Carvalho L**. [Dachsous is a key player in epithelial wound closure through modulating cell shape changes and tissue mechanics](#). J Cell Sci. 2025 Mar 1;138(5):JCS263674. doi: 10.1242/jcs.263674. Epub 2025 Mar 12. PMID: 39945479.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ MOLECULAR BIOLOGY/ MOLECULAR MEDICINE

Phan VHG, Nguyen BT, Nguyen NY, Tran CD, Nguyen QD, Luu CH, Manivasagan P, Jang ES, Yang DC, Yang DU, Li Y, **Conde J**, Thambi T. [Longan-inspired chitosan-pectin core-shell hydrogel beads for oral delivery of biodrugs to enhance osteoporosis therapy](#). Int J Biol Macromol. 2025 Mar 20;142254. doi: 10.1016/j.ijbiomac.2025.142254. Epub ahead of print. PMID: 40120907.

da Silva Escouto L, Batista TJ, Peixoto P, Firmino FT, Ronchi SN, de Souza Barroso ME, Kampke EH, de Andrade TU, **de Melo Junior AF**, Bissoli NS. [Probiotic Kefir Improves Renal Disorders in Ovariectomized Female SHR with High Fructose Intake-Induced Metabolic Syndrome](#). Probiotics Antimicrob Proteins. 2025 Mar 13. doi: 10.1007/s12602-025-10490-w. Epub ahead of print. PMID: 40080096.

Valentim-Coelho C, Saraiva J, Osório H, Antunes M, Vaz F, **Neves S**, Pinto P, Bárbara C, **Penque D**. [Red blood cell proteomic profiling in mild and severe obstructive sleep apnea patients before and after positive airway pressure treatment](#). Biochim Biophys Acta Mol Basis Dis. 2025 Mar 4;1871(5):167767. doi: 10.1016/j.bbadis.2025.167767. Epub ahead of print. PMID: 40043591.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE

Cardoso I, Melo M, Brás P, Miguel Viegas J, Almeida I, Nunes S, Custódio I, Trigo C, **Laranjo S**, Graça R, Ferreira RC, **Oliveira M, Rosa SA**, Antunes D. [The contribution of genetics to the understanding and management of cardiomyopathies: Part 2](#). Rev Port Cardiol. 2025 Mar 26:S0870-2551(25)00096-4. English, Portuguese. doi: 10.1016/j.repc.2024.11.016. Epub ahead of print. PMID: 40154602.

Fonseca C, Baptista R, Franco F, Moura B, Pimenta J, Sarmiento PM, Cardoso JS, Brito D. [Correction to: Worsening heart failure: progress, pitfalls, and perspectives](#). Heart Fail Rev. 2025 Mar 28. doi: 10.1007/s10741-025-10507-0. Epub ahead of print. Erratum for: Heart Fail Rev. 2025 Feb 20. doi: 10.1007/s10741-025-10497-z. PMID: 40153245.

Fonseca C, Garagarza C, Silva G, Caires G, Marques I, Lopes JA, Branco P, Alves R, **Ferreira A**. [Hyperkalemia management: a multidisciplinary expert panel's perspective on the role of new potassium binders](#). Heart Fail Rev. 2025 Mar;30(2):271-286. doi: 10.1007/s10741-024-10461-3. Epub 2024 Nov 27. PMID: 39604607; PMCID: PMC11802687.

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, **Reis RPD**. [Unraveling the genetic basis of subclinical atherosclerosis: Early genetic detection can improve cardiovascular prevention](#). Rev Port Cardiol. 2025 Mar 6:S0870-2551(25)00070-8. English, Portuguese. doi: 10.1016/j.repc.2025.01.003. Epub ahead of print. PMID: 40057183.

Silva-Cardoso J, Moreira E, de Melo RT, Moraes-Sarmiento P, **Cardim N**, Oliveira M, Gavina C, Moura B, **Araújo I**, Santos P, Peres M, **Fonseca C**, Ferreira JP, Marques I, Andrade A, Baptista R, Brito D, Cernadas R, Santos JD, Leite-Moreira A, Gonçalves L, Ferreira J, Aguiar C, Fonseca M, Fontes-Carvalho R, Franco F, Lourenço C, Martins E, Pereira H, Santos M, Pimenta J. [A Portuguese expert panel position paper on the management of heart failure with preserved ejection fraction - Part II: Unmet needs and organization of care in Portugal](#). Rev Port Cardiol. 2025 Mar 6:S0870-2551(25)00071-X. English, Portuguese. doi: 10.1016/j.repc.2024.12.004. Epub ahead of print. PMID: 40057186.

Trabulo M, Timóteo AT. [Navigating the challenges of ST-segment elevation myocardial infarction in women: A closer look](#). Rev Port Cardiol. 2025 Mar;44(3):177-178. English, Portuguese. doi: 10.1016/j.repc.2025.01.002. Epub 2025 Jan 27. PMID: 39864737.

Teixeira AR, Barbas de Albuquerque F, **Pereira-da-Silva T**, Gonçalves A, Moreira RI, **Timóteo AT**, Alves J, Barquinha S, Mata R, Dias M, Cacela D, Ferreira RC. [Hemodynamic effect of outpatient levosimendan infusion assessed daily using the CardioMEMSTM invasive remote monitoring system](#). Rev Port Cardiol. 2025 Mar 7:S0870-2551(25)00072-1. English, Portuguese. doi: 10.1016/j.repc.2024.11.014. Epub ahead of print. PMID: 40058409.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ INTERNAL MEDICINE

Ferreira Santos J, **Castela I**, Gamboa Madeira S, Furtado S, Vieira Pereira H, **Teixeira D, Dores H**. [A digital tool for self-reporting cardiovascular risk factors: The RADICAL study](#). Int J Cardiol Cardiovasc Risk Prev. 2025 Jan 8;24:200368. doi: 10.1016/j.ijcrp.2025.200368. PMID: 39897346; PMCID: PMC11786916.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ SURGERY

Bastos Gonçalves F, Tulamo R, Björck M. [Seeing is Believing: Recent Data Support the Use of Routine Completion Angiography after Open Surgery for Acute Limb Ischaemia](#). Eur J Vasc Endovasc Surg. 2025 Mar 24:S1078-

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CRITICAL CARE AND INTENSIVE CARE MEDICINE

Gaillet A, Luyt CE, Timsit JF, Asehnoune K, Barbier F, Bassetti M, Bouadma L, Bouglé A, Chastre J, Morris AC, De Waele JJ, Dépret F, Dimopoulos G, Ehrmann S, Ewig S, Fartoukh M, Foucrier A, Garnacho-Montero J, Hraiech S, Leone M, Makris D, Martin-Loeches I, Matthaiou D, Monsel A, Montravers P, Nseir S, Paiva JA, Papazian L, Poulakou G, **Póvoa P**, Pugin J, Rodriguez AH, Roquilly A, Roux D, Rouzé A, Taccone FS, Torres A, Zahar JR, Weiss E, Razazi K. [A consensus of European experts on the definition of ventilator-associated pneumonia recurrences obtained by the Delphi method: the RECUVAP study](#). Intensive Care Med. 2025 Mar 31. doi: 10.1007/s00134-025-07856-7. Epub ahead of print. PMID: 40163131.

Kalil AC, **Povoa P**, Leone M. [Subphenotypes and phenotypes to resolve sepsis heterogeneity: hype or hope?](#) Intensive Care Med. 2025 Mar 6. doi: 10.1007/s00134-025-07828-x. Epub ahead of print. PMID: 40047867.

CRITICAL CARE AND INTENSIVE CARE MEDICINE/ EPIDEMIOLOGY/ NEPHROLOGY/ TRANSPLANTATION

Natale P, Wu R, Hughes A, Sluiter A, Rubenstein DA, Zappitelli M, **Povoa P**, Morris AC, O'Connor J, Teixeira-Pinto A, Strippoli G, Jaure A. [Perspectives and Experiences of Patients with AKI: A Systematic Review](#). Clin J Am Soc Nephrol. 2025 Mar 1;20(3):326-336. doi: 10.2215/CJN.0000000605. Epub 2025 Jan 16. PMID: 39921497; PMCID: PMC11906012.

DERMATOLOGY/ HISTOLOGY/ PATHOLOGY AND FORENSIC MEDICINE

Valente C, Figueira Vilela B, **Paiva-Lopes MJ**, Duarte B. [The efficacy of dupilumab largely exceeds the 6-month treat-to-target goals: an analysis in an atopic dermatitis referral center](#). Actas Dermosifiliogr. 2025 Mar 7:S0001-7310(25)00112-7. English, Spanish. doi: 10.1016/j.ad.2023.10.062. Epub ahead of print. PMID: 40058584.

DERMATOLOGY/ MEDICINE (MISCELLANEOUS)

Torres T, Mendes-Bastos P, Cruz MJ, Duarte B, Filipe P, **Lopes MJP**, Gonalo M. [Interleukin-4 and Atopic Dermatitis: Why Does it Matter? A Narrative Review](#). Dermatol Ther (Heidelb). 2025 Mar;15(3):579-597. doi: 10.1007/s13555-025-01352-y. Epub 2025 Feb 10. PMID: 39930311; PMCID: PMC11909353.

ENDOCRINOLOGY, DIABETES AND METABOLISM

Araújo R, Ramalhete L, Von Rekowski CP, Fonseca TAH, Calado CRC, **Bento L**. [Cytokine-Based Insights into Bloodstream Infections and Bacterial Gram Typing in ICU COVID-19 Patients](#). Metabolites. 2025 Mar 16;15(3):204. doi: 10.3390/metabo15030204. PMID: 40137168; PMCID: PMC11944015.

Pinto A, Daly A, Newby C, Robotham A, Heales S, Eaton S, Aitkenhead H, Gilmour K, Jackson R, Ashmore C, Evans S, **Rocha JC**, Ilgaz F, Hickson M, MacDonald A. [Corrigendum to "The effects of casein glycomacropeptide on general health status in children with PKU: A randomized crossover trial" \[Molecular Genetics and Metabolism Volume 143, Issue 4, December 2024, 108607\]](#). Mol Genet Metab. 2025 Mar 17:109077. doi: 10.1016/j.ymgme.2025.109077. Epub ahead of print. Erratum for: Mol Genet Metab. 2024 Dec;143(4):108607. doi: 10.1016/j.ymgme.2024.108607. PMID: 40102123.

EPIDEMIOLOGY/ HEALTH POLICY/ INFECTIOUS DISEASES/ PUBLIC HEALTH, ENVIRONMENTAL AND OCCUPATIONAL HEALTH

Antunes BBP, Bastos LSL, Kurtz P, Sant'Anna LM, Del Peloso PF, Espanha CA, Hamacher S, **Bozza FA**. [Persistent carbapenem resistance in mechanically ventilated ICU patients: A before-and-after analysis of the COVID-19 surge](#). Am J Infect Control. 2025 Mar;53(3):320-325. doi: 10.1016/j.ajic.2024.10.014. Epub 2024 Oct 19. PMID: 39433156.

EPIDEMIOLOGY/ PSYCHIATRY AND MENTAL HEALTH

Roxo L, Pachankis J, Bränström R. [Sexual orientation differences in mental health service use and unmet mental health care needs: a cross-sectional population-based study of young adults](#). Soc Psychiatry Psychiatr Epidemiol. 2025 Mar 11. doi: 10.1007/s00127-025-02866-8. Epub ahead of print. PMID: 40067368.

GENETICS (CLINICAL)

Kaminska K, Cancellieri F, Quinodoz M, Moye AR, Bauwens M, Lin S, Janeschitz-Kriegl L, Hayman T, Barberán-Martínez P, Schlaeger R, Van den Broeck F, Ávila Fernández A, Fernández-Caballero L, Perea-Romero I, García-García G, Salom D, Mazzola P, Zuleger T, Poths K, Haack TB, Jacob J, Vermeer S, Terbeek F, Feltgen N, Moulin AP, Koutroumanou L, Papadakis G, Browning AC, Madhusudhan S, Gränse L, Banin E, Sousa AB, Coutinho Santos L, Kuehlewein L, De Angeli P, Leroy BP, Mahroo OA, Sedgwick F, Eden J, Pfau M, Andréasson S, Scholl HPN, Ayuso C, Millán JM, Sharon D, Tsilimbaris MK, Vaclavik V, Tran HV, Ben-Yosef T, De Baere E, Webster AR, Arno G, Sergouniotis PI, Kohl S, **Santos C**, Rivolta C. [Bi-allelic variants in three genes encoding distinct subunits of the vesicular AP-5 complex cause hereditary macular dystrophy](#). Am J Hum Genet. 2025 Mar 10:S0002-9297(25)00062-X. doi: 10.1016/j.ajhg.2025.02.015. Epub ahead of print. PMID: 40081374.

HEALTH INFORMATICS/ HEALTH POLICY

Maulide Cane R, Muhumuza Kananura R, Wasswa R, Gonçalves MP, **Varandas L**, Craveiro I. [Childhood Anemia in Mozambique: A Multilevel Mixed-Effects Analysis of 2011-2022/23 Population-Based Surveys](#). Healthcare (Basel). 2025 Mar 14;13(6):635. doi: 10.3390/healthcare13060635. PMID: 40150485.

HEMATOLOGY/ MEDICINE (MISCELLANEOUS)

Rosenberg T, Möller S, Abildgaard N, Nørgaard JN, Lysén A, Tsykonova G, **Joao C**, Vangsted A, Schjesvold F, Nielsen LK. [Health-Related Quality of Life During Carfilzomib-Lenalidomide-Dexamethasone Consolidation: Findings From the Multiple Myeloma CONPET Study](#). Eur J Haematol. 2025 Mar;114(3):517-527. doi: 10.1111/ejh.14358. Epub 2024 Dec 5. PMID: 39638553.

HEPATOLOGY/ SURGERY/ TRANSPLANTATION

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IMMUNOLOGY AND ALLERGY

Costa S, Aguiar JP, Oliveira MD, Gonçalves J, Ribeiro JC, Taborda-Barata L, Farinha H, **Escada P**, Fernandes S, Soares-de-Almeida L, **Paiva-Lopes MJ**, Chaves Loureiro C, Lourinho I, Fonseca JA, Drummond M, Marinho RT, Bana E Costa J, Vaz Carneiro A, Bana E Costa CA. [Type 2 inflammation: a Portuguese consensus using Web-Delphi and decision conferencing \(INFLAT2-PT\)](#). Expert Rev Clin Immunol. 2025 Mar;21(3):377-391. doi: 10.1080/1744666X.2024.2448990. Epub 2025 Jan 7. PMID: 39748205.

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IMMUNOLOGY AND ALLERGY/ RHEUMATOLOGY

van der Heijde D, Navarro-Compán V, Landewé R, Sieper J, van Gaalen F, Gensler LS, Machado PM, Marzo-Ortega H, Poddubnyy D, Protopopov M, Ramiro S, **Sepriano A**, Baraliakos X. [1995-2025: thirty years of ASAS and its contribution to the understanding of spondyloarthritis](#). Ann Rheum Dis. 2025 Mar;84(3):382-387. doi: 10.1016/j.ard.2025.01.003. Epub 2025 Feb 12. PMID: 39948004.

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INFECTIOUS DISEASES/ MEDICINE (MISCELLANEOUS)/ MICROBIOLOGY (MEDICAL)

Chasqueira M, Costa S, **Paixão M**, Albuquerque M, Rego MJS, Paixão P. [Immunoblot evaluation of rubella humoral immunity in Portuguese women with negative or low-positive rubella IgG](#). Diagn Microbiol Infect Dis. 2025

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

Couto C, Pereira Lemos A, Stella L, Sobral C, Marques J, Friães A, Gomes-Silva J, **Gouveia C**. [MYOSITIS AND DEEP SUPPURATIVE SOFT TISSUE INFECTIONS CAUSED BY GROUP A STREPTOCOCCUS](#). *Pediatr Infect Dis J*. 2025 Mar 4. doi: 10.1097/INF.0000000000004736. Epub ahead of print. PMID: 39999353.

MEDICINE (MISCELLANEOUS)

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MEDICINE/ GASTROENTEROLOGY/ HEPATOLOGY/ PHYSIOLOGY (MEDICAL)

Ribeiro G, Schellekens H, Cuesta-Martí C, Maneschy I, **Ismael S**, Cuevas-Sierra A, Martínez JA, **Silvestre MP**, **Marques C**, **Moreira-Rosário A**, **Faria A**, Moreno LA, **Calhau C**. [A menu for microbes: unraveling appetite regulation and weight dynamics through the microbiota-brain connection across the lifespan](#). Am J Physiol Gastrointest Liver Physiol. 2025 Mar 1;328(3):G206-G228. doi: 10.1152/ajpgi.00227.2024. Epub 2025 Jan 15. PMID: 39811913.

MEDICINE (MISCELLANEOUS)/ NEUROLOGY (CLINICAL)

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MEDICINE (MISCELLANEOUS)/ OBSTETRICS AND GYNECOLOGY/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING/ REPRODUCTIVE MEDICINE

Fischerova D, Planchamp F, Alcázar JL, Dundr P, Epstein E, **Felix A**, Frühauf F, Garganese G, Haldorsen IS, Jurkovic D, Kocian R, Lengyel D, Mascilini F, Stepanyan A, Stukan M, Timmerman S, Vanassche T, Ng ZY, Scovazzi U. [ISUOG/ESGO Consensus Statement on ultrasound-guided biopsy in gynecological oncology](#). Ultrasound Obstet Gynecol. 2025 Mar 21. doi: 10.1002/uog.29183. Epub ahead of print. PMID: 40114523.

MEDICINE (MISCELLANEOUS)/ PSYCHIATRY AND MENTAL HEALTH

Grigaitė U, Santos-Dias M, Pedrosa B, Aluh DO, Silva M, Cardoso G, Caldas-de-Almeida JM. Responses to the mental health care needs of survivors of intimate partner violence in Portugal: Perspectives of survivors and mental health professionals. *J Ment Health*. 2025 Mar 17:1-10. doi: 10.1080/09638237.2025.2478375. Epub ahead of print. PMID: 40091491.

MULTIDISCIPLINARY

Fernandez-Acosta M, Zanini R, Heredia F, A Volonté Y, Menezes J, Prüger K, Ibarra J, Arana M, Pérez MS, Veenstra JA, Wegener C, Contijo AM, Garelli A. Triggering and modulation of a complex behavior by a single peptidergic command neuron in *Drosophila*. *Proc Natl Acad Sci U S A*. 2025 Mar 18;122(11):e2420452122. doi: 10.1073/pnas.2420452122. Epub 2025 Mar 14. PMID: 40085652.

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