

**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](#)).

Agosto / August 2025 *

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY (MISCELLANEOUS)

Barata MA, Perdigão C, Ramalho J, Gomes ER, Guimas Almeida C. Alzheimer's genetic risk factor Bin1 controls synapse vesicle exo-endocytosis in inhibitory synapses. Cell Rep. 2025 Aug 26;44(8):116005. doi: 10.1016/j.celrep.2025.116005. Epub 2025 Jul 15. PMID: 40674214; PMCID: PMC12381520.

BIOCHEMISTRY/ CLINICAL BIOCHEMISTRY

Araújo R, Von Rekowski CP, Fonseca TAH, Calado CRC, Ramalheite L, Bento L. Multiplex Targeted Proteomic Analysis of Cytokine Ratios for ICU Mortality in Severe COVID-19. Proteomes. 2025 Aug 2;13(3):35. doi: 10.3390/proteomes13030035. PMID: 40843708; PMCID: PMC12372026.

Carnicero-Senabre D, **Barata MA**, Jiménez-Villegas J, **Guimas Almeida C**, Cuadrado A, Rojo AI. NRF2 deficiency is associated with synaptic alterations and ether-linked phospholipid imbalance in the hippocampus. Redox Biol. 2025 Aug 30;86:103853. doi: 10.1016/j.redox.2025.103853. Epub ahead of print. PMID: 40902316.

BIOCHEMISTRY/ MOLECULAR BIOLOGY

Coelho R, Antas P, Fonseca AF, Oliveira D, Carvalho C, Pedro ML, Hall MJ, Falcão AS, Seabra MC, Lopes-da-Silva M. Loss of REP-1 in retinal pigment epithelial cells leads to impaired phagosome processing and altered lysosomal pathway function. Mol Biol Cell. 2025 Sep 1;36(9):ar116. doi: 10.1091/mbc.E24-11-0497. Epub 2025 Aug 6. PMID: 40768322.

* [PT] Dados recolhidos em agosto de 2025. Atualizado pela última vez a 8 de setembro de 2025.
[ENG] Data collected in August 2025. Last updated on September 8, 2025.

Liu W, Sun C, Dai Y, Wang H, Ashrafizadeh M, **Conde J**, Yang L, He W. [A tumor microenvironment-responsive Zr-MOF nanosystem for co-delivering siHIF-1 \$\alpha\$ and triptolide enhances photodynamic therapy in esophageal cancer by amplifying ROS generation and reversing hypoxia.](#) Mater Today Bio. 2025 Aug 13;34:102183. doi: 10.1016/j.mtbio.2025.102183. PMID: 40893379; PMCID: PMC12398845.

Pinto FG, Giddey AD, Mohamed N, Almarri RSB, Murtaza M, Nassir N, Alkhnbashi OS, Uddin MJ, **Soares NC**. [Repurposing proteomic nanoLC-MS platforms for untargeted metabolomics: evaluating DIA and polarity switching performance in human plasma.](#) Expert Rev Proteomics. 2025 Aug;22(8):307-314. doi: 10.1080/14789450.2025.2537210. Epub 2025 Jul 24. PMID: 40685892.

Santos CC, Schweizer N, Cairrão F, Ramirez J, Osinalde N, Yang M, Gaspar CJ, Rasheva VI, Trigo ML, Hensel Z, Adrain C, Cordeiro TN, Voigt F, **Gameiro PA**, Mayor U, Domingos PM. [Fbxo42 promotes the degradation of Ataxin-2 granules to trigger terminal Xbp1 signaling.](#) Nat Commun. 2025 Aug 13;16(1):7523. doi: 10.1038/s41467-025-62417-2. PMID: 40804044.

CANCER RESEARCH/ MOLECULAR BIOLOGY/ MOLECULAR MEDICINE

Martins F, Arada R, Barros H, Matos P, **Ramalho J**, Ceña V, Bonifácio VDB, Gonçalves LG, **Serpa J**. [Correction: Lactate-coated polyurea-siRNA dendriplex: a gene therapy-directed and metabolism-based strategy to impair glioblastoma \(GBM\).](#) Cancer Gene Ther. 2025 Aug;32(8):911. doi: 10.1038/s41417-025-00933-5. Erratum for: Cancer Gene Ther. 2025 Jun;32(6):690-705. doi: 10.1038/s41417-025-00906-8. PMID: 40640526; PMCID: PMC12353799.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE

Koelemay MJ, Geelkerken RH, Kärkkäinen J, Leone N, Antoniou GA, de Bruin JL, Gombert A, Gottsätter A, Iborra E, Ronchey S, Spanos K, van den Berg JC, Wipper S, **Bastos Gonçalves F**, Björck M, Coscas R, Lepidi S, Resch TA, Ricco JB, Tulamo R, Wanhainen A, Corcos O, Huber TS, Oberhuber A, Blaser AR, Tolonen M. [Editor's Choice - European Society for Vascular Surgery \(ESVS\) 2025 Clinical Practice Guidelines on the Management of Diseases of the Mesenteric and Renal Arteries and Veins.](#) Eur J Vasc Endovasc Surg. 2025 Aug;70(2):153-218. doi: 10.1016/j.ejvs.2025.06.010. Epub 2025 Jun 11. PMID: 40513642.

Pastori D, Menichelli D, Podda GM, Clerici B, Birocchi S, Bucci T, **Ames PR**, Pignatelli P. [Long-term efficacy and safety of direct oral anticoagulants in venous thrombotic antiphospholipid syndrome patients not candidate to warfarin: A pilot prospective case series study](#). J Thromb Thrombolysis. 2025 Aug 29. doi: 10.1007/s11239-025-03158-3. Epub ahead of print. PMID: 40879863.

Ribeiro TF, **Soares Ferreira R**. [Popliteal Artery Entrapment Syndrome Without Limb Threatening Ischaemia: Is There a Place for Conservative Management?](#) Eur J Vasc Endovasc Surg. 2025 Aug;70(2):245-246. doi: 10.1016/j.ejvs.2025.04.049. Epub 2025 Apr 26. PMID: 40294779.

Rocha de Almeida A, Lima MR, Gomes DA, Fernandes R, Oliveira EI, **Gonçalves PA, Teles RC, de Sousa Almeida M**, Patrício L. [Outcomes of transcatheter aortic valve replacement in younger low-risk patients: a comprehensive meta-analysis of efficacy and safety](#). Front Cardiovasc Med. 2025 Aug 11;12:1586477. doi: 10.3389/fcvm.2025.1586477. PMID: 40860353; PMCID: PMC12375568.

Soliman Aboumarie H, Tavazzi G, Via G, Guarracino F, Stankovic I, Hagendorff A, Gargani L, **Cardim N**, Flachskampf FA, Bax J, Mukherjee C, Meineri M, Bouchez S, Bence J, Skinner H, Cosyns B, Price S, Neskovic AN. [Cardiac Ultrasound in Cardiovascular Emergency and Critical Care. A Clinical Consensus Statement of the European Association of Cardiovascular Imaging \(EACVI\), the Acute CardioVascular Care Association \(ACVC\) of the ESC, and the European Association of Cardiothoracic Anaesthesia and Intensive Care \(EACTAIC\)](#). Eur Heart J Cardiovasc Imaging. 2025 Aug 21;jeaf246. doi: 10.1093/ehjci/jeaf246. Epub ahead of print. PMID: 40838793.

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Van Belle E, Parma R, **Teles RC**, Saia F, Hawranek M, Paradies V, Rafflenbeul E, Mamas MA, Cruz-Gonzalez I, Triantis G, Kilic T, Jeger R, Magdy A, Kefer J, Linder R, Sokolov M, Tormilainen H, Kazakiewicz D, Huculeci R, Townsend N, Petersen SE, Timmis A, Vardas P, Gilard M, Chieffo A, Barbato E, Dudek D; National Interventional Working Groups and Societies. [Atlas of interventional cardiology 2023: European Society of Cardiology and European Association of Percutaneous Coronary Interventions](#). Eur Heart J. 2025 Aug 29;ehaf698. doi: 10.1093/eurheartj/ehaf698. Epub ahead of print. PMID: 40878292.

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CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ NEUROLOGY (CLINICAL)

Chen H, Colasurdo M, Matsukawa H, Cunningham C, Maier I, Al Kasab S, Jabbour P, Kim JT, Wolfe SQ, Rai A, Starke RM, Psychogios MN, Samaniego EA, Goyal N, Yoshimura S, Cuellar H, Grossberg JA, Alawieh A, Alaraj A, Ezzeldin M, Romano DG, Tanweer O, Mascitelli J, **Fragata I**, Polifka A, Siddiqui F, Osburn J, Crosa R, Matouk C, Park MS, Levitt MR, Brinjikji W, Moss M, Dumont T, Daglioglu E, Williamson R Jr, Navia P, Leacy R, Chowdhry S, Altschul DJ, Spiotta AM, Kan P. [Conventional versus advanced imaging selection for endovascular treatment of basilar artery occlusion strokes](#). Eur Stroke J. 2025 Aug 28;23969873251364973. doi: 10.1177/23969873251364973. Epub ahead of print. PMID: 40873294; PMCID: PMC12394210.

CELL BIOLOGY/ MOLECULAR BIOLOGY

Coelho R, Antas P, Fonseca AF, Oliveira D, Carvalho C, **Pedro ML, Hall MJ, Falcão AS, Seabra MC, Lopes-da-Silva M**. [Loss of REP-1 in Retinal Pigmented Epithelium \(RPE\) cells leads to impaired phagosome processing and altered lysosomal pathway function](#). Mol Biol Cell. 2025 Aug 6;mbcE24110497. doi: 10.1091/mbc.E24-11-0497. Epub ahead of print. PMID: 40768322.

CRITICAL CARE AND INTENSIVE CARE MEDICINE

Alexandre AR, **Leitão AT**, **Póvoa P**. [Optical coherence tomography angiography in septic shock: a new frontier in microcirculation assessment](#). Crit Care Sci. 2025 Aug 18;37:e20250070. doi: 10.62675/2965-2774.20250070. PMID: 40834166.

Cardenas D, **Ferreira IR**, Correia MITD, Barbagallo MD, Lal S, Barazzoni R, **Gomes F**; Working Group. [Tackling disease-related malnutrition in resource-limited settings: An international position paper based on expert consensus](#). Clin Nutr. 2025 Aug;51:381-385. doi: 10.1016/j.clnu.2025.04.010. Epub 2025 May 16. PMID: 40413132.

Povoa P, **Coelho L**, Carratala J, Cawcutt K, Cosgrove SE, Ferrer R, Gomez CA, Klompas M, Lisboa T, Martin-Loeches I, Nseir S, **Salluh JIF**, Scherger S, Sweeney DA, Kalil AC. [Correction: How to approach a patient hospitalized for pneumonia who is not responding to treatment?](#) Intensive Care Med. 2025 Aug;51(8):1570-1571. doi: 10.1007/s00134-025-08027-4. Erratum for: Intensive Care Med. 2025 May;51(5):893-903. doi: 10.1007/s00134-025-07903-3. PMID: 40658251; PMCID: PMC12317881.

DERMATOLOGY

Torres T, Yeung J, Prajapati VH, Ribero S, Balato A, Marzano AV, Cruz MJ, **Paiva Lopes MJ**, Lazaridou E, Carrascosa JM, Alvarenga JM, **Farinha P**, **Duarte B**, Munera-Campos M, Sood S, Rankin BD, Ortoncelli M, Caccavale S, Ferrucci SM, Pires Rosa G, Daponte AI, Silvi G, Peris K, Gori N, Prignano F, Kolios A, Herranz P, Gregoriou S, Rompoti N, Gkalpakiotis S, Chiricozzi A. [Real-World Effectiveness and Safety of Dupilumab, Tralokinumab, and Upadacitinib in Patients with Atopic Dermatitis: A 52-Week International, Multicenter Retrospective Cohort Study](#). Dermatol Ther (Heidelb). 2025 Aug;15(8):2295-2305. doi: 10.1007/s13555-025-01453-8. Epub 2025 Jun 3. PMID: 40459711; PMCID: PMC12256366.

ENDOCRINOLOGY, DIABETES AND METABOLISM/ INTERNAL MEDICINE

Torres JO, **Martins DC**, **Matias AA**, Gião N, Dutra E, Malheiro R, Mendes M, **Silva-Nunes J**. [Mauriac syndrome: a rare complication in patients with type 1 diabetes mellitus](#). Endocrinol Diabetes Metab Case Rep. 2025 Aug 4;2025(3):e250035. doi: 10.1530/EDM-25-0035. PMID: 40757798; PMCID: PMC12326969.

ENVIRONMENTAL SCIENCE

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 Bamai Y, Fernandez MF, Kase RP, **Louro H, Silva MJ**, Santonen T, Katsonouri A, **Castaño A**, Quirós-Alcalá L, Lin EZ, [...] Haynes EN, Hopf NB. [Guidance on minimum information requirements \(MIR\) from designing to reporting human biomonitoring \(HBM\)](#). Environ Int. 2025 Aug;202:109601. doi: 10.1016/j.envint.2025.109601. Epub 2025 Jun 16. PMID: 40609511.

FAMILY PRACTICE

Gomez-Bravo R, León-Herrera S, [...] Hoffmann K, **Heleno B**, Hanževački M, Gjorgjievski D, Frese T, **Fournier M**, Fitzgerald L, Feldmane S, Dotsenko M, Domeyer PR, Croucher D, Cerny V, Burgers JS, Bratskaya-Stempkovskaya E, Busneag CI, Buono N, Bensemmane S, Bayen S, Bakola M, Assenova R, Adler L, Ares-Blanco S, Astier Peña MP. [Towards consensus: The need for standardised definitions in Long \(post\) COVID care in 34 European countries](#). Eur J Gen Pract. 2025 Dec;31(1):2535618. doi: 10.1080/13814788.2025.2535618. Epub 2025 Sep 1. PMID: 40889165.

GENETICS (CLINICAL)/ MEDICINE (MISCELLANEOUS)/ PHARMACOLOGY (MEDICAL)

Stanescu S, Belanger-Quintana A, **Rocha JC**, Almeida MF, Ahring K, Dokoupil K, Lammardo AM, van Dam E, Muriel A, MacDonald A; ENEP group. [Multicenter study on long-term growth in patients with phenylketonuria](#). Orphanet J Rare Dis. 2025 Aug 4;20(1):400. doi: 10.1186/s13023-025-03946-3. PMID: 40759975; PMCID: PMC12323032.

HEMATOLOGY

Atkinson SH, Suchdev PS, Bode M, Carducci B, Cerami C, Mwangi MN, Namaste S, Winichagoon P, Leung S, Mutua AM, Abuga KM, Angeles-Agdeppa I, Blythe R, Carvalho N, Cepeda-Lopez A, Cross JH, de Pee S, Di Ruggiero E, Fanzo J, Gentilini U, Gichohi-Wainaina WN, Glover-Wright C, **Gomes F**, Hess S, Holloway-Brown J, Joof F, Karakochuk C, Kassebaum NJ, Larson L, Mettananda S, Muriuki JM, Mwangome M, Ohuma EO, Oliver V, Perumal N, Phiri K, Samuel F, Sinharoy S, Tizifa T, Valleriani G, van Zutphen-Küffer KG, Vasta F, Verhoef H, Wang Y, Yadav K, Yang Z, Young M, Zimmermann MB, Pasricha SR. [Getting back on track to meet global anaemia reduction targets: a Lancet Haematology Commission](#). Lancet Haematol. 2025 Aug 20:S2352-3026(25)00146-2. doi: 10.1016/S2352-3026(25)00146-2. Epub ahead of print. PMID: 40882649.

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HEPATOLOGY/ SURGERY/ TRANSPLANTATION

Cardoso FS, Lee WM, Karvellas CJ; US Acute Liver Failure Study Group. [Failure to rescue in acute liver failure: A multicenter cohort study.](#) Liver Transpl. 2025 Aug 1;31(8):982-988. doi: 10.1097/LVT.0000000000000594. Epub 2025 Mar 11. PMID: 40062765.

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

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IMMUNOLOGY AND ALLERGY/ PEDIATRICS, PERINATOLOGY AND CHILD HEALTH

Arasi S, **Pite H**, Beken B, Alvaro-Lozano M, Brough H, Caffarelli C, Church MK, Flohr CC, Janmohamed SR, Konstantinou GN, Lau S, Maurer M, Mortz CG, Rutkowski K, Staubach-Renz P, Van der Poel LA, Zuberbier T, Weller K, Tsaouri S. [An overview on current practices regarding the diagnosis and management of chronic urticaria in pediatrics: An EAACI Task Force report.](#) Pediatr Allergy Immunol. 2025 Aug;36(8):e70174. doi: 10.1111/pai.70174. PMID: 40853054.

IMMUNOLOGY AND ALLERGY/ PULMONARY AND RESPIRATORY MEDICINE

González-Díaz SN, **Morais-Almeida M**, Ansotegui IJ, Macouzet-Sánchez C, Ordóñez-Azuara YG, Camarena-Galván J, Alanís-Alvarez JM. [Mapping methodologies for economic assessment of digital health technologies: a scoping review protocol.](#) World Allergy Organ J. 2025 Jul 7;18(8):101078. doi: 10.1016/j.waojou.2025.101078. PMID: 40689382; PMCID: PMC12273503.

IMMUNOLOGY AND MICROBIOLOGY/ APPLIED MICROBIOLOGY AND BIOTECHNOLOGY/MICROBIOLOGY

Sabino R, Antunes F, Araujo R, Bezerra AR, Brandão J, Carneiro C, Carvalho A, Carvalho D, Conceição IC, Cota Medeiros F, Cruz C, Duarte E, Holum S, Matos O, **Maltez F**, Mendonça A, Moura G, Pereira A, Fortuna Rodrigues C, Teixeira P, Valdoeiros SR, Veríssimo C, Viegas C; Portuguese Association of Medical Mycology (ASPOMM). [Addressing Critical Fungal Pathogens Under a One Health Perspective: Key Insights from the Portuguese Association of Medical Mycology](#). Mycopathologia. 2025 Aug 16;190(5):73. doi: 10.1007/s11046-025-00981-3. PMID: 40818022; PMCID: PMC12357797.

MATERIALS SCIENCE/BIOMATERIALS

Mendes BB, Prasad R, **Conde J**. [Bridging the innovation gap and rethinking translation in biomaterials science](#). Matter. 2025 Aug 6;8(8):102257.

Vazão de Almeida H, **Inácio JM**, Pereira C, Pinheiro T, Calmeiro T, Correia R, Coelho J, Pinto JV, **Belo JA**, Martins R, Fortunato E. [Laser-Induced Graphene: A Promising Conductive Platform for Cell Culture](#). Adv Healthc Mater. 2025 Aug 11:e02255. doi: 10.1002/adhm.202502255. Epub ahead of print. PMID: 40787719.

Zhuang Y, **Mendes BB**, Menon D, **Oliveira J**, **Chen X**, Duman FD, **Conniot J**, Mercado S, Liu X, Zhang SY, **Conde J**, Hewitt RE, Fairen-Jimenez D. [Multiscale Profiling of Nanoscale Metal-Organic Framework Biocompatibility and Immune Interactions](#). Adv Healthc Mater. 2025 Aug 7:e01809. doi: 10.1002/adhm.202501809. Epub ahead of print. PMID: 40772350.

MATERIALS SCIENCE (MISCELLANEOUS)/ NANOSCIENCE AND NANOTECHNOLOGY

Fang H, You P, Lin S, Wu Y, Lin J, Hou Z, Liang F, Chen C, Wang Z, Chen L, Zhang S, Chen X, Zhao K, Lu F, Pan M, Zhou Y, Yin C, **Conde J**, Huang H, Pan Y. [Annexin A1 mRNA-loaded liposomes alleviate acute pancreatitis by suppressing STING pathway and promoting efferocytosis in macrophages](#). Nat Nanotechnol. 2025 Aug 11. doi: 10.1038/s41565-025-01979-0. Epub ahead of print. PMID: 40789923.

MEDICINE (MISCELLANEOUS)

Carbone F, Després JP, Ioannidis JPA, Neeland IJ, Garruti G, Busetto L, Liberale L, Ministrini S, Vilahur G, Schindler TH, **Macedo MP**, Di Ciaula A, Krawczyk M, Geier A, Baffy G, Faienza MF, Farella I, Santoro N, Frühbeck G, Yáñez-Esquivel P, Gómez-Ambrosi J, Chávez-Manzanera E, Vázquez-Velázquez V, Oppert JM, Kiortsis DN, Sbraccia P, Zoccali C, Portincasa P, Montecucco F. [Bridging the gap in obesity research: A consensus statement from the European Society for Clinical Investigation](#). Eur J Clin Invest. 2025 Aug;55(8):e70059. doi: 10.1111/eci.70059. Epub 2025 May 15. PMID: 40371883; PMCID: PMC12257286.

Cardenas D, **Ferreira IR**, Correia MITD, Barbagallo M, Lal S, Barazzoni R, Gomes F; Working Group. [Tackling disease-related malnutrition in resource-limited settings: An international position paper based on expert consensus](#). Nutr Clin Pract. 2025 Aug;40(4):762-769. doi: 10.1002/ncp.11310. Epub 2025 May 30. PMID: 40448299; PMCID: PMC12242108.

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Pires AM, Barreto JP, **Caetano J**, Soares MJ, Geraldês C, Fernandes B, Coucelo M, Chacim S, Coelho H, Correia C, Cruz AP, Cunha M, Cunha MR, Cunha N, Ferraz P, Freitas JG, Henrique R, Lisboa S, Lúcio P, Paiva A, Pedrosa C, Ramos I, Sarmiento AB, Seabra P, Sevilha J, **Rego de Sousa MJ**, Sousa S, Sousa T, Tavares M, Trigo F, Bergantim R, Roque A, **João C**. [Diagnóstico e Seguimento](#)

* [PT] Dados recolhidos em agosto de 2025. Atualizado pela última vez a 8 de setembro de 2025.

[ENG] Data collected in August 2025. Last updated on September 8, 2025.

Laboratorial de Doentes com Mieloma Múltiplo: Recomendações do Grupo Português do Mieloma Múltiplo [Diagnosis and Laboratory Follow-Up of Patients with Multiple Myeloma: Guidelines from the Portuguese Multiple Myeloma Group]. Acta Med Port. 2025 Aug 29. Portuguese. doi: 10.20344/amp.22909. Epub ahead of print. PMID: 40884158.

Reis C, Pilz LK, **Paiva T**, Hidalgo MP, Wright KP Jr. [Sleep and circadian rhythms in delayed sleep-wake phase disorder: Phenotypic differences between patients with and without comorbid depression](#). J Sleep Res. 2025 Aug;34(4):e14437. doi: 10.1111/jsr.14437. Epub 2025 Jan 15. PMID: 39815363.

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Sousa S, Drummond M, **Bugalho A**. [Prevalence and Diagnosis of Obstructive Sleep Apnea in Atrial Fibrillation Patients: A Systematic Review](#). J Clin Med. 2025 Aug 12;14(16):5708. doi: 10.3390/jcm14165708. PMID: 40869533; PMCID: PMC12386619.

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