



PROGRAMA DE MENTORES DEL ISCIII

PUBLICACIONES DE MENTORIZADOS

JULIO 2022

AYALA-SUAREZ, RUBÉN

Rubén Ayala-Suárez, Francisco Díez-Fuertes, Esther Calonge, Humberto Erick De La Torre Tarazona, María Gracia-Ruiz de Alda, Laura Capa, José Alcamí: Insight in miRNome of Long-Term Non-Progressors and Elite Controllers Exposes Potential RNAi Role in Restraining HIV-1 Infection. *J Clin Med* 2020 Jul 31;9(8):2452. PMID: PMC7464121 DOI: 10.3390/jcm9082452. IF: 4,242 Q1

BENITO LOZANO, JUAN

Benito-Lozano J, Arias-Merino G, Gómez-Martínez M, Ancochea-Díaz A, Aparicio-García A, Posada de la Paz M, Alonso-Ferreira V. Diagnostic Process in Rare Diseases: Determinants Associated with Diagnostic Delay. *Int J Environ Res Public Health*. 2022 May 26;19(11):6456. doi: 10.3390/ijerph19116456. PMID: 35682039. IF: 4,614 Q1.

BERNARDO BERNARDO, LORENA

Bernardo L, Solana JC, Romero-Kauss A, Sánchez C, Carrillo E, Moreno J. Effect of immunosuppressants on the parasite load developed in, and immune response to, visceral leishmaniasis: A comparative study in a mouse model. *PLoS Negl Trop Dis*. 2021 Feb 1;15(2):e0009126. doi: 10.1371/journal.pntd.0009126. eCollection 2021 Feb. PMID: 33524030. IF: 4,411 Q1

CAÑADA-GARCÍA, JAVIER ENRIQUE

Cañada-García JE, Pérez-Vázquez M, Oteo-Iglesias J. RedLabRA; a Spanish Network of Microbiology Laboratories for the Surveillance of Antibiotic Resistant Microorganisms. *Rev Esp Quimioter*. 2021 Sep;34 Suppl 1(Suppl1):12-14. doi: 10.37201/req/s01.03.2021. Epub 2021 Sep 30. PMID: 34598415; PMID: PMC8683004. IF: 1,553 Q4

Hendrickx APA, Debast S, Pérez-Vázquez M, Schoffelen AF, Notermans DW, Landman F, Wielders CCH, **Cañada Garcia JE**, Flipse J, de Haan A, Witteveen S, van Santen-Verheuvél M, de Greeff SC, Kuijper E, Schouls LM; Dutch CPE surveillance Study Group. A genetic cluster of MDR Enterobacter cloacae complex ST78 harbouring a plasmid containing bla_{VIM-1} and mcr-9 in the Netherlands. *JAC Antimicrob Resist*. 2021 May 12;3(2):dlab046. doi: 10.1093/jacamr/dlab046. PMID: 34223115; PMID: PMC8210100.

CERVERA MAYOR, SAINT THOMAS

Saint T Cervera, Carlos Rodríguez-Martín, Enrique Fernández-Tabanera, Raquel M Melero-Fernández de Mera, Matias Morin, Sergio Fernández-Peñalver, Maria Iranzo-Martínez, Jorge Amhih-Cardenas, Laura García-García, Laura González-González, Miguel Angel Moreno-Pelayo, Javier Alonso. Therapeutic Potential of EWSR1-FLI1 Inactivation by CRISPR/Cas9 in Ewing Sarcoma. *Cancers*. 2021 Jul 27;13(15):3783. doi: 10.3390/cancers13153783 PMID: 34359682. PMCID: PMC8345183 DOI:10.3390/cancers13153783 IF: 6,639 Q1

DONAT LÓPEZ, MARTA ASUNCIÓN

Donat M, Barrio G, Guerras JM, Herrero L, Pulido J, Belza MJ, Regidor E. Educational Gradients in Drinking Amount and Heavy Episodic Drinking among Working-Age Men and Women in Spain. *Int J Environ Res Public Health*. 2022 Apr 5;19(7):4371. doi: 10.3390/ijerph19074371. PMID: 35410052. IF: 3,390 Q2

Donat M., Barrio G., Pulido J., Pérez C., Belza M.J., Regidor E. (2021). The limits of measuring binge drinking prevalence for epidemiological surveillance: an example from Spain. *Drug Alcohol Depend.* 2021 Nov 1;228:109022. doi: 10.1016/j.drugalcdep.2021.109022. Epub 2021 Sep 1. PMID: 34507008. IF: 4,492 Q2

Donat M., Sordo L., Guerras J.M., Politi J., Pulido J., Barrio G. (2021). Methodology used to estimate alcohol-attributable mortality in Spain, 2001-2017. *Adicciones*. 2021 Jun 15;0(0):1611. doi: 10.20882/adicciones.1611. IF: 2,979 Q3

Donat M., Sordo L., Belza M.J., Hoyos J., Regidor E., Barrio G. (2021). Evolution of mortality attributable to alcohol in Spain according to age, sex, cause of death and type of drinker (2001-2017). *Adicciones*. 2021 Jun 15;0(0):1612. doi: 10.20882/adicciones.1612. Online ahead of print. PMID: 34171111. IF: 2,979 Q3

Donat M, Sordo L, Belza MJ, Barrio G. (2020). Mortalidad atribuible al alcohol en España 2001-2017. Metodología y resultados. *Observatorio Español de las Drogas y las Adicciones. Delegación del Gobierno para el Plan Nacional sobre Drogas. Ministerio de Sanidad,* 2020. Madrid. Disponible en: https://pnsd.sanidad.gob.es/profesionales/publicaciones/catalogo/catalogoPNSD/publicaciones/pdf/2020_Mortalidad_atribuible_al_alcohol_en_Espana_2001-2017.pdf

FERNANDEZ TABANERA, ENRIQUE

Fernández-Tabanera E, Melero-Fernández de Mera RM and Alonso J (2022) CD44 In Sarcomas: A Comprehensive Review and Future Perspectives. *Front. Oncol.* 12:909450. doi: 10.3389/fonc.2022.909450. IF: 6,244 Q2

García-García L, **Fernández-Tabanera E**, Cervera ST, Melero-Fernández de Mera RM, Josa S, González-González L, Rodríguez-Martín C, Grünewald TGP, Alonso J The Transcription Factor *FEZF1*, a Direct Target of *EWSR1-FLI1* in Ewing Sarcoma Cells, Regulates the Expression of Neural-Specific Genes. *Cancers* (Basel). 2021 Nov 12;13(22):5668. doi: 10.3390/cancers13225668. PMID: 34830820 IF: 6,639 Q1.

MONTERO-CALLE ANA M^a

Alejandro Valverde **Ana Montero-Calle**, Beatriz Arévalo, Pablo San Segundo-Acosta, Verónica Serafín, Miren Alonso-Navarro, Guillermo Solís-Fernández, José M. Pingarrón, Susana Campuzano, Rodrigo Barderas. Phage-Derived and Aberrant HaloTag Peptides Immobilized on Magnetic Microbeads for Amperometric Biosensing of Serum Autoantibodies an Alzheimer's Disease Diagnosis. *Analysis & Sensing*.2021.1,161-165.doi:10.1002/anse.202100024.

Ana Montero-Calle, Itziar Aranguren-Abeigon, María Garranzo-Asenxio, Carmen Poves, María Jesús, Fernández-Aceñero, Javier Martínez-Useros, Rodrigo Sanz, Jana Dziaková, Javier Rodríguez-Cobos, Guillermo Solís-Fernández, Eloy Povedano, María Gamella, Rebeca Magnolia Torrente-Rodríguez, Miren Alonso-Navarro, Vivian de los Rios, J. Ignacio Casal, Gemma Domínguez, Ana Guzmán-Aranguez, Alberto Peláez-García, José Manuel Pingarrón, Susana Campuzano, Rodrigo Barderas. Multiplexed Biosensing Diagnostic Platforms Detecting Autoantibodies to Tumor-Associated Antigens from Exosomes Released by CRC Cells and Tissues Samples Showed High Diagnostic Ability for Colorectal Cancer. *Engineering*. 2021;7(10):1393-1412.doi:10.106/j.eng.2021.04.026.IF: 7,553 Q1

Montero-Calle A, San Segundo-Acosta P, Garranzo-Asensio M, Rábano A, Barderas R. The Molecular Misreading of APP and UBB Induces a Humoral Immune Response in Alzheimer's Disease Patients with Diagnostic Ability. *Mol Neurobiol*. 2020 Feb;57(2):1009-1020. doi: 10.1007/s12035-019-01809-0. Epub 2019 Oct 26. PMID: 31654319. IF: 5,590 Q1

San Segundo-Acosta P, **Montero-Calle A**, Fuentes M, Rábano A, Villalba M, Barderas R. Identification of Alzheimer's Disease Autoantibodies and Their Target Biomarkers by Phage Microarrays. *J Proteome Res*. 2019 Jul 5;18(7):2940-2953. doi: 10.1021/acs.jproteome.9b00258. Epub 2019 Jun 7. PMID: 31136180. IF: 4,466 Q1

MORALES MOLINA, ALVARO

Marion Rabé, Lucie Fonteneau, Lisa Oliver, **Alvaro Morales-Molina**, Camille Jubelin, Javier Garcia-Castro, Dominique Heymann, Catherine Gratas, and François M. Vallette. Cellular Heterogeneity and Cooperativity in Glioma Persister Cells Under Temozolomide Treatment. *Front Cell Dev Biology*, 25 May 2022 doi: 10.3389/fcell.2022.835273. IF: 6,684 Q1.

Morales-Molina A, Gambera S, Leo A, García-Castro J. Combination immunotherapy using G-CSF and oncolytic virotherapy reduces tumor growth in osteosarcoma. *J Immunother Cancer*. 2021 Mar;9(3):e001703. doi: 10.1136/jitc-2020-001703. PMID: 337373382021. IF: 13,751 Q1

Rodríguez-Milla MÁ, **Morales-Molina A**, Perisé-Barrio AJ, Cejalvo T, García-Castro J. (2020) AKT and JUN are differentially activated in mesenchymal stem cells after infection with human and canine oncolytic adenoviruses. *Cancer Gene Ther*. 2021 Feb;28(1-2):64-73. doi: 10.1038/s41417-020-0184-9. Epub 2020 May 27. PMID: 32457488. IF: 5,987 Q1

Grünewald TG, Alonso M, Avnet S, Banito A, Burdach S, Cidre-Aranaz F, Di Pompo G, Distel M, Dorado-Garcia H, Garcia-Castro J, González-González L, Grigoriadis AE, Kasan M, Koelsche C, Krumbholz M, Lecanda F, Lemma S, Longo DL, Madrigal-Esquivel C, **Morales-Molina Á**, Musa J, Ohmura S, Ory B, Pereira-Silva M, Perut F, Rodriguez R, Seeling C, Al Shaaili N, Shaabani S, Shiovone K, Sinha S, Tomazou EM, Trautmann M, Vela M, Versleijen-Jonkers YM, Visgauss J, Zalacain M, Schober SJ, Lissat A, English WR, Baldini N, Heymann D. Sarcoma treatment in the era of molecular medicine. *EMBO Mol*

Med. 2020 Nov 6;12(11):e11131. doi: 10.15252/emmm.201911131. Epub 2020 Oct 13. PMID: 33047515. IF: 12,137 Q1

Morales-Molina A, Rodríguez-Milla MÁ, Gimenez-Sanchez A, Perisé-Barrios AJ, García-Castro J. Cellular virotherapy increases tumor-infiltrating lymphocytes (TIL) and decreases their PD-1+ subsets in mouse immunocompetent models. *Cancers*. 2020 Jul 16;12(7):1920. doi: 10.3390/cancers12071920. PMID: 32708639. IF: 6,639 Q1

Menendez ST, Rey V, Martínez-Cruzado L, Gonzalez MV, **Morales-Molina A**, Santos L, Blanco V, Alvarez C, Estupiñan O, Allonca E, Rodrigo JP, García-Castro J, Garcia-Pedrero JM, Rodriguez R. SOX2 expression and transcriptional activity identifies a subpopulation of cancer stem cells in sarcoma with prognostic implications. *Cancers* 2020 Apr 13;12(4):964. doi: 10.3390/cancers12040964. PMID: 32295077. IF: 6,639 Q1

Moreno R, Fajardo CA, Farrera M, Perisé-Barrios AJ, **Morales-Molina Á**, Al-Zaher AA, Garcia-Castro J, Alemany R. Enhanced antitumor efficacy of oncolytic adenovirus-loaded menstrual blood-derived mesenchymal stem cells in combination with peripheral blood mononuclear cells. *Mol Cancer Ther*. 2019 Jan;18(1):127-138. doi: 10.1158/1535-7163.MCT-18-0431. Epub 2018 Oct 15. PMID: 30322950. IF: 6,261 Q1

Morales-Molina A, Gambera S, Cejalvo T, Moreno R, Rodríguez-Milla MÁ, Perisé-Barrios AJ, García-Castro J. Antitumor virotherapy using syngeneic or allogeneic mesenchymal stem cell carriers induces systemic immune response and intratumoral leukocyte infiltration in mice. *Cancer Immunol Immunother*. 2018 Oct;67(10):1589-1602. doi: 10.1007/s00262-018-2220-2. Epub 2018 Jul 31. PMID: 30066102. **No es Open Access**. IF: 6,968 Q1

Gambera S, Abarrategi A, González-Camacho F, **Morales-Molina A**, Roma J, Alfranca A, Garcia-Castro J. Clonal dynamics in osteosarcoma defined by RGB-marking system. *Nat Commun*. 2018 Sep 28;9(1):3994. doi: 10.1038/s41467-018-06401-z. PMID: 30266933. IF: 14,919 Q1

MORENO JIMÉNEZ, BELÉN

Fernández A, Quintana E, Velasco P, **Moreno-Jimenez B**, de Andrés B, Gaspar ML, Liste I, Vilar M, Mira H, Cano E. Senescent Accelerated Prone 8 (SAMP8) Mice as a Model of Age Dependent Neuroinflammation. *J Neuroinflammation*. 2021 Mar 18;18(1):75. doi: 10.1186/s12974-021-02104-3. PMID: 33736657 IF: 8,322 Q1

NAVAS MARTÍN, MIGUEL ANGEL

M A Navas-Martín, J A López-Bueno, J Díaz, F Follos, Jm Vellón, Ij Mirón, My Luna, G Sánchez-Martínez, D Culqui, C Linares. Effects of local factors on adaptation to heat in Spain (1983-2018) *Environ Res* 2022 Jun;209:112784. doi: 10.1016/j.envres.2022.112784. Epub 2022 Jan 26. PMID: 35090871. IF: 6,498 Q1

QUINZO ALBIÑO, MÓNICA JOHANA

M J Quinzo, M J Perteguer, P J Brindley, A Loukas, J Sotillo. Transgenesis in parasitic helminths: a brief history and prospects for the future. *Parasit Vectors*. 2022 Mar 28;15(1):110. doi: 10.1186/s13071-022-05211-z. PMID: 35346328 PMCID: PMC8962113 IF: 3,876 Q1

ROJAS BENEDICTO, AYLÉN

Monge S, **Rojas-Benedicto A**, Olmedo C, Martín-Merino E, Mazagatos C, Limia A, Sierra MJ, Larrauri A, Hernán MA. Effectiveness of a second dose of an mRNA vaccine against SARS-CoV-2 Omicron infection in individuals previously infected by other variants. *Clin Infect Dis*. 2022 Jun 10:ciac429. doi: 10.1093/cid/ciac429. Online ahead of print. PMID: 35687580. IF: 9,079 Q1.

Susana Monge, **Ayelén Rojas-Benedicto**, Carmen Olmedo, Clara Mazagatos, María José Sierra, Aurora Limia, Elisa Martín-Merino, Amparo Larrauri, Miguel A. Hernán, on behalf of IBERCovid* Effectiveness of mRNA vaccine boosters against SARS-CoV-2 Omicron (B.1.1.529) infection in Spain: a nationwide cohort study. *Lancet Infect Dis*. Published online June 2, 2022 [https://doi.org/10.1016/S1473-3099\(22\)00292-4](https://doi.org/10.1016/S1473-3099(22)00292-4). IF: 25,71 Q1.

VIGÓN HERNÁNDEZ, LORENA

Vigón L, Martínez-Román P, Rodríguez-Mora S, Torres M, Puertas MC, Mateos E, Salgado M, Navarro A, Sánchez-Conde M, Ambrosioni J, Cervero M, Wyen C, Hoffmann C, Miró JM, Alcamí J, Podzamczek D, García-Gutiérrez V, Martínez-Picado J, Briz V, Rosa López-Huertas M, Planelles V, Coiras M; Multidisciplinary Group of Study of HIV-1 Reservoir MGS-HIVRES. Provirus reactivation is impaired in HIV-1 infected individuals on treatment with dasatinib and antiretroviral therapy. *Biochem Pharmacol*. 2021 Oct;192:114666. doi: 10.1016/j.bcp.2021.114666. Epub 2021 Jun 26. PMID: 34186065; PMCID: PMC8478809. IF: 5,858 Q1

Vigón L, Rodríguez-Mora S, Luna A, Sandonís V, Mateos E, Bautista G, Steegmann JL, Climent N, Plana M, Pérez-Romero P, de Ory F, Alcamí J, García-Gutierrez V, Planelles V, López-Huertas MR, Coiras M. Cytotoxic cell populations developed during treatment with tyrosine kinase inhibitors protect autologous CD4+ T cells from HIV-1 infection. *Biochem Pharmacol*. 2020 Dec;182:114203. doi: 10.1016/j.bcp.2020.114203. Epub 2020 Aug 20. PMID: 32828803; PMCID: PMC7686055. IF: 5,858 Q1