

HIV and AIDS

Group leader

Domingo Pedrol, Pere (FGS)

Researchers

Quesada Lopez, Tania Paloma (IR)

Research technicians

Herrera Bachs, Sílvia (IR)

Millán Revilla, Lucía (IR)

Muñoz Rodríguez, Jessica (IR)



MAIN LINES OF RESEARCH

- Medical care projects.
- Study of pathogenic mechanisms altering body fat distribution.
- Study of metabolic disorders associated with antiretroviral treatment.
- Body composition changes.
- New antiretroviral drugs.
- Cardiovascular risk associated with antiretroviral treatment.
- Comorbid conditions associated with HIV-1 infection.
- Pharmacogenetics (toxicokinetics).
- Bacterial meningitis.
- Coronavirus infectious disease-19 and complications thereof.

SCIENTIFIC PRODUCTION

- Berenguer J, Jarrín I, Bellón JM, Díez C, Jiménez MA, López JC, Pinto A, Moreno S, Montes ML, Iribarren JA, Orviz E, Portilla J, Villarroya F, Domingo P, Resino S, CoRIS C. Mitochondrial Haplogroups and Weight Gain After Initiating ART in Patients With HIV. JOURNAL OF INFECTIOUS DISEASES. 2024; 230(2). DOI:10.1093/infdis/jiae168. PMID:38557859. IF:5,000 (Q1/2D). Document type: Article.
- Castellá M, Mestres A, Gavalda A, Blasco A, Quesada T, Romero I, Giralte M, Villarroya F, Cereijo R. The splicing factor SF3B1 is involved in brown adipocyte thermogenic activation.

- BIOCHEMICAL PHARMACOLOGY. 2024; 220:116014. DOI:10.1016/j.bcp.2023.116014. PMID:38158020. IF:5,300 (Q1/1D). Document type: Article.
- de Lazzari E, Negredo EB, Domingo P, Tiraboschi JM, Ribera E, Abdulghani N, Alba V, Fernández S, Viladés C, Peraire J, Gatell JM, Blanco JL, Vidal F, Rull A, Martínez E, DOLAM GRP. Multiomics plasma effects of switching from triple antiretroviral regimens to dolutegravir plus lamivudine. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2024; 79(5). DOI:10.1093/jac/dkae083. PMID:38546974. IF:3,900 (Q1/3D). Document type: Article.
 - Grunden N, Calabria M, García C, Pons C, Arroyo JA, Gómez B, Estévez MD, Belvis R, Morollón N, Cordero M, Mur I, Pomar V, Domingo P. Evolving trends in neuropsychological profiles of post COVID-19 condition: A 1-year follow-up in individuals with cognitive complaints. PLoS One. 2024; 19(8):e0302415. DOI:10.1371/journal.pone.0302415. PMID:39116061. IF:2,900 (Q1/3D). Document type: Article.
 - Nomah DK, Díaz Y, Bruguera A, Moreno S, Aceitón J, Reyes J, Llibre JM, Falcó V, Imaz A, Fanjul FJ, Peraire J, Deig E, Domingo P, Inciarte A, Casabona J, Miró JM, Populational HIV Cohort C. Disparities in Coronavirus Disease 2019 Clinical Outcomes and Vaccination Coverage Among Migrants With Human Immunodeficiency Virus in the PISCIS Cohort: A Population-Based Propensity Score-Matched Analysis. Open Forum Infectious Diseases. 2024; 11(1):ofad693. DOI:10.1093/ofid/ofad693. PMID:38221982. IF:3,800 (Q2/3D). Document type: Article.
 - Nomah DK, Jamarkattel S, Bruguera A, Moreno S, Díaz Y, Alonso L, Aceitón J, Llibre JM, Domingo P, Saumoy M, Homar F, Fanjul F, Navarro J, de la Mora L, Knobel H, Orti A, Martín R, Miró JM, Casabona J, Reyes J, PISCIS Cohort Study GRP. Evolving AIDS- and non-AIDS Mortality and Predictors in the PISCIS Cohort of People Living With HIV in Catalonia and the Balearic Islands (Spain), 1998-2020. Open Forum Infectious Diseases. 2024; 11(4):ofae132. DOI:10.1093/ofid/ofae132. PMID:38560603. IF:3,800 (Q2/3D). Document type: Article.
 - Pan Y-H, Nomah DK, Montoro M, Moreno S, Díaz Y, Aceitón J, Bruguera A, Llibre JM, Domingo P, Imaz A, Vilaró I, Falcó V, Reyes J, Miro JM, Casabona J, the PISCIS Cohort Study G. The impact of the COVID-19 pandemic on healthcare services utilization among people living with HIV in Catalonia, Spain: A population-based cohort study. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2024; 42(10). DOI:10.1016/j.eimc.2023.09.001. PMID:38218704. IF:2,600 (Q3/6D). Document type: Article.
 - Quesada T, Cereijo R, Blasco A, Mestres A, Prieto P, Domingo JC, Villarroja F, Domingo P, Giralt M. Divergent effects of the antiretroviral drugs, dolutegravir, tenofovir alafenamide, and tenofovir disoproxil fumarate, on human adipocyte function. BIOCHEMICAL PHARMACOLOGY. 2024; 220:116010. DOI:10.1016/j.bcp.2023.116010. PMID:38154544. IF:5,300 (Q1/1D). Document type: Article.
 - Suades R, Greco MF, Padró T, de Santisteban V, Domingo P, Benincasa G, Napoli C, Greco S, Madè A, Ranucci M, Devaux Y, Martelli F, Badimon L. Blood CD45⁺CD3⁺ lymphocyte-released extracellular vesicles and mortality in hospitalized patients with coronavirus disease 2019. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2024; DOI:10.1111/eci.14354. PMID:39548690. IF:4,400 (Q1/2D). Document type: Article.
 - Suades R, Greco MF, Prieto P, Padró T, Devaux Y, Domingo P, Badimon L. CD66b⁺CD68⁺ circulating extracellular vesicles, lactate dehydrogenase and neutrophil-to-lymphocyte ratio can differentiate coronavirus disease 2019 severity during and after infection. Journal of Extracellular Vesicles. 2024; 13(7):e12456. DOI:10.1002/jev2.12456. PMID:39007437. IF:15,500 (Q1/1D). Document type: Article..