

5.1.6 Associated Groups

HIV and AIDS

Group leader

Domingo Pedrol, Pere (FGS)

Researchers

Cereijo Tellez, Ruben (IR)

Quesada López, Tania Paloma (IR)

Research Technicians

Herrera Bachs, Silvia (IR)

Millan Revilla, Lucia (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, Roca C, González J, Dalmau D, Olalla J, Herrero C, Villarroya F, Domingo P, Resino S. Obesity-Related Single-Nucleotide Polymorphisms and Weight Gain following First-Line Antiretroviral Therapy. *CLINICAL INFECTIOUS DISEASES*. 2023; 76(6)DOI:10.1093/cid/ciac880. PMID:36345912. IF:11,800 (Q1/1D). Document type: Article.
- Bruguera A, Nomah D, Moreno S, Diaz Y, Aceiton J, Reyes J, Ambrosioni J, Llibre JM, Falco V, Imaz A, Fanjul F, Navarro G, Pere D, Leon E, Mera A, Miro JM, Casabona J, PISCIS GRP. Cohort Profile:



5.1.6 Associated Groups

- PISCIS, a population-based cohort of people living with HIV in Catalonia and Balearic Islands. *INTERNATIONAL JOURNAL OF EPIDEMIOLOGY*. 2023; 52(4):e241-e252. DOI:10.1093/ije/dyad083. PMID:37403345. IF:7,700 (Q1/1D). Document type: Article.
- Castella M, Blasco A, Peyrou M, Gavalda A, Villarroya J, Quesada T, Lorente L, Sancho J, Szymczak F, Piron A, Rodríguez S, Carobbio S, Goday A, Domingo P, Vidal A, Giralt M, Eizirik DL, Villarroya F, Cereijo R. Adipose tissue plasticity in pheochromocytoma patients suggests a role of the splicing machinery in human adipose browning. *iScience*. 2023; 26(6):106847. DOI:10.1016/j.isci.2023.106847. PMID:37250773. IF:5,800 (Q1/3D). Document type: Article.
 - Díaz M, Casano P, Quesada T, López A, de Zegher F, Villarroya F, Ibáñez L. Circulating exosomes decrease in size and increase in number between birth and age 7: relations to fetal growth and liver fat. *Frontiers in Endocrinology*. 2023; 14:1257768. DOI:10.3389/fendo.2023.1257768. PMID:38027180. IF:5,200 (Q1/3D). Document type: Article.
 - Diaz M, Mestres A, Lerin C, Cereijo R, López A, de Zegher F, Villarroya F, Ibanez L. Circulating progranulin in human infants: relation to prenatal growth and early postnatal nutrition. *PEDIATRIC RESEARCH*. 2023; 94(3)DOI:10.1038/s41390-023-02595-1. PMID:37031297. IF:3,600 (Q1/2D). Document type: Article.
 - García C, Navarro A, López A, Quesada T, de Zegher F, Ibanez L, Villarroya F. Meteorin-like levels are associated with active brown adipose tissue in early infancy. *Frontiers in Endocrinology*. 2023; 14:1136245. DOI:10.3389/fendo.2023.1136245. PMID:36936161. IF:5,200 (Q1/3D). Document type: Article.
 - González A, Assoumou L, Moyle G, Waters L, Johnson M, Domingo P, Fox J, Stellbrink HJ, Gualdi G, Masiá M, Gompels M, De Wit S, Florence E, Esser S, Raffi F, Behrens G, Pozniak A, Gatell JM, Martínez E, NEAT Study Group 022. Long-term effects on subclinical cardiovascular disease of switching from boosted protease inhibitors to dolutegravir. *JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY*. 2023; 78(9)DOI:10.1093/jac/dkad247. PMID:37539492. IF:5,200 (Q1/3D). Document type: Article.
 - Martín R, Pericas C, Bruguera A, Rosell G, Martínez E, Díaz Y, Alonso L, Nomah DK, Blanco JL, Domingo P, Alvarez P, Linares MS, Laborda CV, Mera A, Isbert SC, Johansen IS, Miró JM, Casabona J, Llibre JM, PISCIS GRP. Mpox: Clinical Outcomes and Impact of Vaccination in People with and without HIV: A Population-Wide Study. *Microorganisms*. 2023; 11(11):2701. DOI:10.3390/microorganisms11112701. PMID:38004713. IF:4,500 (Q2/4D). Document type: Article.
 - Martín R, Vazquez MC, Burgos J, Bruguera A, Reyes J, Moreno S, Aceitón J, Díaz Y, Domingo P, Saumoy M, Knobel H, Dalmau D, Borjabad B, Johansen IS, Miro JM, Casabona J, Llibre JM, PISCIS G. Cardiovascular events in delayed presentation of HIV: the prospective PISCIS cohort study. *Frontiers in Medicine*. 2023; 10:1182359. DOI:10.3389/fmed.2023.1182359. PMID:37415770. IF:3,900 (Q2/4D). Document type: Article.
 - Palacio J, Moreno S, Díaz Y, Aceitón J, Bruguera A, Nomah DK, Llibre JM, Knobel H, Chivite I, Miro JM, Domingo P, Suanzes P, Fanjul F, Navarro G, Macorigh L, Mera A, Casabona J, Imaz A, Reyes J, ISCIS GRP. Who is lost to follow-up in HIV care? Assessment of care retention over time and the impact of COVID-19. Longitudinal analysis of the PISCIS cohort. *HIV MEDICINE*. 2023; 24(9) DOI:10.1111/hiv.13486. PMID:36990962. IF:3,000 (Q3/7D). Document type: Article.
 - Pomar V, Benito N, Duch P, Colome M, Rivera A, Domingo P. Acute Bacterial Meningitis in Healthy Adult Patients: A Prospective Cohort Study. *Journal of Clinical Medicine*. 2023; 12(11):3624. DOI:10.3390/jcm12113624. PMID:37297818. IF:3,900 (Q2/4D). Document type: Article.
 - Santos JR, Casadellà M, Noguera M, Micán R, Domingo P, Antela A, Portilla J, Sanz J, Montero M, Navarro J, Masiá M, Valcarce N, Ocampo A, Pérez L, García C, Vivancos MJ, Imaz A, Iribarren JA, Hernández J, Villar J, Barrufet P, Paredes R, INSTINCT GRP. Effectiveness and safety of integrase strand transfer inhibitors in Spain: a prospective real-world study. *Frontiers in Cellular and Infection Microbiology*. 2023;



5.1.6 Associated Groups

- 13:1187999. DOI:10.3389/fcimb.2023.1187999. PMID:37434782. IF:5,700 (Q1/3D). Document type: Article.
- Santos JR, Domingo P, Portilla J, Gutiérrez F, Imaz A, Vilchez H, Curran A, Valcarce N, Paye-ras A, Bernal E, Montero M, Yzusqui M, Clotet B, Videla S, Moltó J, Paredes R, Study 2DGRP. A Randomized Trial of Dolutegravir Plus Darunavir/ Cobicistat as a Switch Strategy in HIV-1-Infected Patients With Resistance to at Least 2 Antiretro-viral Classes. *Open Forum Infectious Diseases*. 2023; 10(11):ofad542. DOI:10.1093/ofid/ofad542. PMID:38023553. IF:4,200 (Q2/4D). Document type: Article.
 - Scévola S, Niubó J, Domingo P, Verdejo G, Curran A, Diaz V, Peñafiel J, Tiraboschi J, Morenilla S, García B, Soriano I, Podzamczar D, Imaz A. Decay of HIV RNA in Seminal Plasma and Rectal Fluid in Treatment-Naive Adults Starting Antiretro-viral Therapy With Dolutegravir Plus Lamivudine or Bictegravir/Emtricitabine/Tenofovir Alafe-namide. *JOURNAL OF INFECTIOUS DISEA-SSES*. 2023; 228(7)DOI:10.1093/infdis/jiad304. PMID:37526315. IF:6,400 (Q1/2D). Document type: Article.
 - Sempere A, Assoumou L, Gonzalez A, Waters L, Rusconi S, Domingo P, Gompels M, de Wit S, Raffi F, Stephan C, Masia M, Rockstroh J, Katl-ma C, Behrens GMN, Moyle G, Johnson M, Fox J, Stellbrink HJ, Guaraldi G, Florence E, Esser S, Gatell J, Pozniak A, Martinez E, NEAT 022GRP. Incidence of Hypertension and Blood Pressure Changes in Persons With Human Immunodeficiency Virus (HIV) at High Risk for Cardiovascular Disease Switching From Boosted Protease Inhi-bitors to Dolutegravir: A Post-hoc Analysis of the 96-week Randomised NEAT-022 Trial. *CLINICAL INFECTIOUS DISEASES*. 2023; 77(7)DOI:10.1093/cid/ciad297. PMID:37207617. IF:11,800 (Q1/1D). Document type: Article.
 - Waters L, Assoumou L, Gonzalez A, Rusconi S, Domingo P, Gompels M, de Wit S, Raffi F, Stephan C, Masia M, Rockstroh J, Katlama C, Be-hrens GMN, Moyle G, Johnson M, Fox J, Stellbrink HJ, Guaraldi G, Florence E, Esser S, Gatell JM, Pozniak A, Martinez E, NEAT 022GRP. Limited Weight Impact After Switching From Boosted Protease Inhibitors to Dolutegravir in Persons With Human Immunodeficiency Virus With High Cardiovascular Risk: A Post Hoc Analysis of the 96-Week NEAT-022 Randomized Trial. *CLINICAL INFECTIOUS DISEASES*. 2023; 76(5)DOI:10.1093/cid/ciac827. PMID:36259527. IF:11,800 (Q1/1D). Document type: Article.