

Services:

2021	Processing	Custody
Projects/CCTT	21	8
Processed cases	1.892	71
Generated aliquots	11.730	2.116

Requests:

2021	Consultations	Sample requests	Yielded cases
Internas	127	41	1.844
RNB	93	4	113
otras	17	7	26
TOTAL	237	54	1.983

Publications with Biobank HUB-ICO-IDIBELL yielded samples:

<p>Mur, P., García-Mulero, S., Del Valle, J., Magraner-Pardo, L., Vidal, A., Pineda, M., Cinnirella, G., Martín-Ramos, E., Pons, T., López-Doriga, A., Belhadj, S., Feliubadaló, L., Munoz-Torres, P. M., Navarro, M., Grau, E., Darder, E., Llort, G., Sanz, J., Ramón Y Cajal, T., Balmana, J., ... Valle, L. (2020). Role of POLE and POLD1 in familial cancer. <i>Genetics in medicine: official journal of the American College of Medical Genetics</i>, 22(12), 2089–2100. https://doi.org/10.1038/s41436-020-0922-2</p>
<p>Díez-Villanueva, A., Sanz-Pamplona, R., Carreras-Torres, R., Moratalla-Navarro, F., Alonso, M., & Paré-Brunet, L. et al. (2020). DNA methylation events in transcription factors and gene expression changes in colon cancer. <i>Epigenomics</i>, 12(18), 1593-1610. doi: 10.2217/epi-2020-0029</p>
<p>Lachén-Montes, M., Mendizuri, N., Schwartz, D., Fernández-Irigoyen, J., Sánchez, J. C., & Santamaría, E. (2020). Proteomic Characterization of the Olfactory Molecular Imbalance in Dementia with Lewy Bodies. <i>International journal of molecular sciences</i>, 21(17), 6371. https://doi.org/10.3390/ijms21176371</p>
<p>Labad, J., Salvat-Pujol, N., Armario, A., Cabezas, Á., Arriba-Arnau, A., Nadal, R., Martorell, L., Urretavizcaya, M., Monreal, J. A., Crespo, J. M., Vilella, E., Palao, D. J., Menchón, J. M., & Soria, V. (2020). The Role of Sleep Quality, Trait Anxiety and Hypothalamic-Pituitary-Adrenal Axis Measures in Cognitive Abilities of Healthy Individuals. <i>International journal of environmental research and public health</i>, 17(20), 7600. https://doi.org/10.3390/ijerph17207600</p>

<p>Martín-Belmonte, A., Aguado, C., Alfaro-Ruíz, R., Itakura, M., Moreno-Martínez, A. E., de la Ossa, L., Molnár, E., Fukazawa, Y., & Luján, R. (2020). Age-Dependent Shift of AMPA Receptors From Synapses to Intracellular Compartments in Alzheimer's Disease: Immunocytochemical Analysis of the CA1 Hippocampal Region in APP/PS1 Transgenic Mouse Model. <i>Frontiers in aging neuroscience</i>, 12, 577996. https://doi.org/10.3389/fnagi.2020.577996</p>
<p>Rodríguez-Hernandez, I., Maiques, O., Kohlhammer, L., Cantelli, G., Perdrix-Rosell, A., Monger, J., Fanshawe, B., Bridgeman, V. L., Karagiannis, S. N., Penin, R. M., Marcolval, J., Martí, R. M., Matias-Guiu, X., Fruhwirth, G. O., Orgaz, J. L., Malanchi, I., & Sanz-Moreno, V. (2020). WNT11-FZD7-DAAM1 signalling supports tumour initiating abilities and melanoma amoeboid invasion. <i>Nature communications</i>, 11(1), 5315. https://doi.org/10.1038/s41467-020-18951-2</p>
<p>Gerovska, D., Irizar, H., Otaegi, D., Ferrer, I., López de Munain, A., & Araúzo-Bravo, M. (2020). Genealogy of the neurodegenerative diseases based on a meta-analysis of age-stratified incidence data. <i>Scientific Reports</i>, 10(1). doi: 10.1038/s41598-020-75014-8</p>
<p>Andrés-Benito, P., Povedano, M., Domínguez, R., Marco, C., Colomina, M., & López-Pérez, Ó. et al. (2020). Increased C-X-C Motif Chemokine Ligand 12 Levels in Cerebrospinal Fluid as a Candidate Biomarker in Sporadic Amyotrophic Lateral Sclerosis. <i>International Journal Of Molecular Sciences</i>, 21(22), 8680. doi: 10.3390/ijms21228680</p>
<p>Lachén-Montes, M., Mendizuri, N., Ausín, K., Pérez-Mediavilla, A., Azkargorta, M., & Iloro, I. et al. (2020). Smelling the Dark Proteome: Functional Characterization of PITH Domain-Containing Protein 1 (C1orf128) in Olfactory Metabolism. <i>Journal Of Proteome Research</i>, 19(12), 4826-4843. doi: 10.1021/acs.jproteome.0c00452</p>
<p>Casas, A., Mallén, A., Blasco-Lucas, A., Sbraga, F., Guiteras, J., Bolaños, N., Castaño, E., Torras, J., Cruzado, J. M., Navarro, E., & Hueso, M. (2020). Chronic Kidney Disease-Associated Inflammation Increases the Risks of Acute Kidney Injury and Mortality after Cardiac Surgery. <i>International journal of molecular sciences</i>, 21(24), 9689. https://doi.org/10.3390/ijms21249689</p>
<p>Andrés-Benito, P., Gelpi, E., Jové, M., Mota-Martorell, N., Obis, È., Portero-Otin, M., Povedano, M., Pujol, A., Pamplona, R., & Ferrer, I. (2021). Lipid alterations in human frontal cortex in ALS-FTLD-TDP43 proteinopathy spectrum are partly related to peroxisome impairment. <i>Neuropathology and applied neurobiology</i>, 47(4), 544–563. https://doi.org/10.1111/nan.12681</p>
<p>Morató, X., Garcia-Esparcia, P., Argerich, J., Llorens, F., Zerr, I., Paslawski, W., Borràs, E., Sabidó, E., Petäjä-Repo, U. E., Fernández-Dueñas, V., Ferrer, I., Svenningsson, P., & Ciruela, F. (2021). Ecto-GPR37: a potential biomarker for Parkinson's disease. <i>Translational neurodegeneration</i>, 10(1), 8. https://doi.org/10.1186/s40035-021-00232-7</p>
<p>Shafiq, M., Zafar, S., Younas, N., Noor, A., Puig, B., Altmeppen, H. C., Schmitz, M., Matschke, J., Ferrer, I., Glatzel, M., & Zerr, I. (2021). Prion protein oligomers cause neuronal cytoskeletal damage in rapidly progressive Alzheimer's disease. <i>Molecular neurodegeneration</i>, 16(1), 11. https://doi.org/10.1186/s13024-021-00422-x</p>
<p>Díez-Obrero, V., Dampier, C. H., Moratalla-Navarro, F., Devall, M., Plummer, S. J., Díez-Villanueva, A., Peters, U., Bien, S., Huyghe, J. R., Kundaje, A., Ibáñez-Sanz, G., Guinó, E., Obón-Santacana, M., Carreras-Torres, R., Casey, G., & Moreno, V. (2021). Genetic Effects on Transcriptome Profiles in Colon Epithelium Provide Functional Insights for Genetic Risk Loci. <i>Cellular and molecular gastroenterology and hepatology</i>, 12(1), 181–197. https://doi.org/10.1016/j.jcmgh.2021.02.003</p>
<p>Ferrer, I., Andrés-Benito, P., Carmona, M., Assialioui, A., & Povedano, M. (2021). TDP-43 Vasculopathy in the Spinal Cord in Sporadic Amyotrophic Lateral Sclerosis (sALS) and Frontal Cortex in sALS/FTLD-TDP. <i>Journal of neuropathology and experimental neurology</i>, 80(3), 229–239. https://doi.org/10.1093/jnen/nlaa162</p>
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