

Services:

2020	Processing	Custody
Projects/CCTT	27	2
Processed cases	1.210	575
Generated aliquots	8.726	575

Requests:

2020	Consultations	Sample requests	Yielded cases
Internal	60	29	825
RNB	80	4	84
Other	16	0	0
TOTAL	146	33	909

Publications from Biobank HUB-ICO-IDIBELL yielded samples.

Melia, C.S., Soria, V., Salvat-Pujol, N. et al. Sex-specific association between the cortisol awakening response and obsessive-compulsive symptoms in healthy individuals. *Biol Sex Differ* 10, 55 (2019). doi: 10.1186/s13293-019-0273-3.

Pros, E., et al. Genome-wide profiling of non-smoking-related lung cancer cells reveals common RB1 rearrangements associated with histopathologic transformation in EGFR-mutant tumors. *Annals of Oncology* 31.2 (2020): 274-282. doi: 10.1016/j.annonc.2019.09.001.

Diaz-Peña, R., Mondelo-Macía, P., Molina de la Torre, A. J., et al. Analysis of Killer Immunoglobulin-Like Receptor Genes in Colorectal Cancer. *Cells*. 2020, 9(2), 514. <https://doi.org/10.3390/cells9020514>.

Schlicker A, Ellappalayam A, Beumer I, et al. Investigating the concordance in molecular subtypes of primary colorectal tumors and their matched synchronous liver metastasis. *Int Journal of Cancer*. 2020. 1-13. doi: 10.1002/ijc.33003.

Da Cruz Paula, A., da Silva, E.M., Segura, S.E. et al. Genomic profiling of primary and recurrent adult granulosa cell tumors of the ovary. *Mod Pathol* 33, 1606–1617 (2020). <https://doi.org/10.1038/s41379-020-0514-3>.

Barceló C, Sisó P, Maiques O, et al. T-Type Calcium Channels as Potential Therapeutic Targets in Vemurafenib-Resistant BRAFV600E Melanoma. J Invest Dermatol. 2020. 140(6): 1253-1265. doi: 10.1016/j.jid.2019.11.014.

Lahiguera, Á., Hyroššová, P., Figueras, A., et al. Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with PARP inhibitors. EMBO molecular medicine, 2020. 12: e11217. <https://doi.org/10.15252/emmm.201911217>.

Andrés-Benito, P., Povedano, M., Domínguez, et al. Increased C-X-C Motif Chemokine Ligand 12 Levels in Cerebrospinal Fluid as a Candidate Biomarker in Sporadic Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2020. 21(22), p.8680.

Mur, P., García-Mulero, S., del Valle, J., et al. Role of POLE and POLD1 in familial cancer. Genetics in Medicine, 2020. 22(12), pp.2089-2100.

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