

Paramio's lab

Xenografts: Head and neck

Bosutinib Inhibits EGFR Activation in Head and Neck Cancer.

Segrelles C, Contreras D, Navarro EM, Gutiérrez-Muñoz C, García-Escudero R, Paramio JM, Lorz C. *Int J Mol Sci.* 2018 Jun 21;19(7):1824. doi: 10.3390/ijms19071824.

PMID: 29933569

3D cultures and primary cultures: Keratinocytes

Competitive Repopulation Assay of Long-Term Epidermal Stem Cell Regeneration Potential.

Segrelles C, Santos-de-Frutos K, Paramio JM, Lorz C.

Methods Mol Biol. 2020;2109:45-53. doi: 10.1007/7651_2019_234.

PMID: 31087286

Akt signaling leads to stem cell activation and promotes tumor development in epidermis.

Segrelles C, García-Escudero R, Garín MI, Aranda JF, Hernández P, Ariza JM, Santos M, Paramio JM, Lorz C.

Stem Cells. 2014 Jul;32(7):1917-28. doi: 10.1002/stem.1669.

PMID: 24504902

Establishment of a CIBERomurine epidermal cell line suitable for in vitro and in vivo skin modelling.

Segrelles C, Holguín A, Hernández P, Ariza JM, Paramio JM, Lorz C.

BMC Dermatol. 2011 Apr 21;11:9. doi: 10.1186/1471-5945-11-9.

PMID: 21510892

Transgenic: lung

Ablating all three retinoblastoma family members in mouse lung.

S. Lázaro, M. Pérez-Crespo, AB. Enguita, P. Hernández, J Martínez-Palacio, M Oteo, J. Sage J, JM: Paramio, M. Santos

Oncotarget. 2017 Jan 17;8(3):4373-4386. doi: 10.18632/oncotarget.13875

Differential development of large cell neuroendocrine or small cell lung carcinoma upon inactivation of four tumor suppressor genes.

Lázaro S, Pérez Crespo M, Lorz C, Bernardini A, Oteo M, Enguita AB, Romero E, Hernández P, Tomás L, Morcillo MA, Paramio JM, Santos M

Proceedings of the National Academy of Sciences, USA, 2019 Oct 29;116(44):22300-22306. doi:

10.1073/pnas.1821745116.

Santos, Mirentxu. (2020). New models of large-cell neuroendocrine carcinoma and small-cell lung carcinoma. *Molecular & Cellular Oncology.* 1702413. 10.1080/23723556.2019.1702413.