

Acute lymphoblastic leukemia cells are able to infiltrate the brain subventricular zone stem cell niche and impair neurogenesis

Lidia M. Fernández-Sevilla,^{1,2} Germán Belenguer,³ Beatriz Martí-Prado,³ Paula Ortiz-Sánchez,¹ Manuel Ramírez,⁴ Alberto Varas,^{1,2} Isabel Fariñas³ and Ángeles Vicente^{1,2}

¹Department of Cell Biology, Faculty of Medicine, Complutense University, Madrid; ²Instituto de Investigación Sanitaria del Hospital Clínico San Carlos (IdISSC), Madrid; ³CIBERNED, Departamento de Biología Celular, Biología Funcional y Antropología Física, Instituto de Biotecnología y Biomedicina, Universitat de València, Valencia and ⁴Department of Pediatric Hematology and Oncology, Advanced Therapies Unit, Niño Jesús University Children's Hospital, Madrid, Spain

Correspondence:

ÁNGELES VICENTE - avicente@ucm.es

ISABEL FARIÑAS - isabel.farinhas@uv.es

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Supplementary Figure 1. B-cell precursor acute lymphoblastic leukemia cells appear in the subventricular (SVZ) niche as well as along the rostral migratory stream (RMS) in a xenograft model. (A) Immunofluorescence microscopy images show leukemic cells located in the rostral horn SVZ, a region which represents the beginning of the RMS (B), and also forming small aggregates along the RMS, the pathway followed by SVZ-derived neuroblasts migrating to the olfactory bulb (OB) (C, D). ALL cells located in the olfactory bulb (E). (hCD19 staining, red; Hoechst nuclear counterstaining, blue).

