

Haematologica
HAEMATOL/2018/214379
Version 3

Mesenchymal stromal cells confer chemoresistance to myeloid leukemia blasts through Side Population functionality and ABC transporter activation

Laetitia Boutin, Pierre Arnautou, Aurélie Trignol, Amandine Ségot, Thomas Farge, Christophe Desterke, Sabrina Soave, Denis Clay, Emmanuel Raffoux, Jean-Emmanuel Sarry, Jean-Valère Malfuson, Jean-Jacques Lataillade, Marie-Caroline Le Bousse-Kerdilès, and Adrienne Anginot

Disclosures: None

Contributions: LB, PA, AT, AS, SS and AA performed research, CD performed transcriptomic analysis, DC performed cell sorting, TF and JES performed AML graft and AraC treatment, ER and JVM gave human samples, JJL supervised the study, CLBK and AA supervised the study and wrote the manuscript