

Haematologica
HAEMATOL/2017/165381
Version 4

The microenvironmental stromal cells abrogate NF- κ B inhibitor induced apoptosis in chronic lymphocytic leukemia

Carl Philipp Simon-Gabriel, Katharina Foerster, Shifa Saleem, Dorothee Bleckmann, Marco Benkisser-Petersen, Nicolas Thornton, Kazuo Umezawa, Sarah Decker, Meike Burger, Hendrik Veelken, Rainer Claus, Christine Dierks, Justus Duyster, and Katja Zirlik

Disclosures: This work was funded by the Deutsche Krebshilfe (Grant: DKH 110461) to RC, the German Cancer Consortium (DKTK, Grant: L664) to KZ and the Forschungskommission Medizinische Fakultät (Grant: ZIR1032/15) to KZ. All authors declare that no competing interests exist.

Contributions: CPSG, KF, SS, DB, MBP and NT performed research and performed data analysis, CPSG, KF, MBP and KZ designed the research study, KU, SD, MB, HV, RC, CD and JD contributed essential reagents or tools and gave advice, CD and RC recruited patients and gave advice, CPSG, KF and KZ wrote the manuscript.