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The vascular bone marrow niche influences outcome in chronic myeloid leukemia via the E-selectin - SCL/TAL1 - CD44 axis

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Contributions: S. G. designed and carried out experiments, analysed the data and reviewed the manuscript. R. K. assisted with experiments, advised and edited the manuscript. S. H. advised regarding the luciferase and ChIP assays and edited the manuscript. R. S. P. assisted with experiments. E.W. assisted with mouse work. D. A. designed and carried out experiments and analysed data. Y. M. and T. L. assisted with the in vivo microscope. S. S. and M. M. contributed patient samples. T. O. and K.-T-. P. designed and carried out the mass spectrometry experiments, analyzed the data and reviewed the manuscript. V.O., Q.W. and J.M.V. contributed and analyzed patient data and edited the manuscript. J. L. co-designed SCL/TAL1 experiments and analyzed the SCL/TAL1 data. D.S.K. designed experiments, supervised the project, analyzed data and wrote the manuscript.