## Haematologica HAEMATOL/2019/236927 Version 3

MicroRNA-21 maintains hematopoietic stem cell homeostasis through sustaining the NF-κB signaling pathway in mice

Mengjia Hu, Yukai Lu, Hao Zeng, Zihao Zhang, Shilei Chen, Yan Qi, Yang Xu, Fang Chen, Yong Tang, Mo Chen, Changhong Du, Mingqiang Shen, Fengchao Wang, Yongping Su, Song Wang, and Junping Wang

Disclosures: none

Contributions: M.H. designed the study, performed experiments, analyzed data and wrote the paper. Y.L., Z.Z. and H.Z. performed experiments and analyzed data. S.C., Y.Q., Y.X., F.C. and Y.T. participated in the animal experiments and data analysis. M.C., C.D. and M.S. contributed to the in vitro experiments. F.W. and Y.S. participated in the initial experimental design and discussed the manuscript. J.W. and S.W. conceived and supervised the study, and revised the manuscript.