Haematologica
HAEMATOL/2017/175992
Version 4

Chemotherapy-induced differential cell cycle arrest in B cell lymphomas affects their sensitivity to Wee1 inhibition

Xiaoguang Wang, Zhangguo Chen, Ameet K Mishra, Alexa Silva, Wenhua Ren, Zenggang Pan, and Jing H Wang

Disclosures: Competing interests The authors declare no competing financial interests. Funding This work was supported by the University of Colorado School of Medicine and Cancer Center start-up funds, a pilot award from hematologic malignancy program at the University of Colorado Cancer Center, NIH-R21CA184707, and NIH-R01CA166325 to JHW. The funding body has no role in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.

Contributions: Authors' contributions JHW, XW and ZC designed the study, and JHW and XW wrote the paper. JHW and ZC established the mouse G1XP lymphoma cell lines. JHW and XW prepared samples for SOMAscan and conducted the analysis. XW performed most of the experiments. ZC contributed to DNA fragmentation analysis, microscope slide preparation, western blot development and FACS data analysis. AKM initiated the transplant tumor model and AS performed the tumor size measurement. WR analyzed SOMAscan data. ZP provided human lymphoma cell lines. All authors read and approved the final manuscript.