Haematologica HAEMATOL/2019/229187 Version 3

Circulating cell-free BRAFV600E during chemotherapy is associated with prognosis of children with Langerhans cell histiocytosis

Lei Cui, Li Zhang, Hong-Hao Ma, Chan-Juan Wang, Dong Wang, Hong-Yun Lian, Wei-Jing Li, Qing Zhang, Na Li, Tian-You Wang, Zhi-Gang Li, and Rui Zhang

Disclosures: 1.The authors would like to thank the Special Fund of The Pediatric Medical Coordinated Development Center of Beijing Hospitals Authority (No. XTZD20180201), the Pediatric Project of Ai You Foundation(No. AYEK201802), the National Science and Technology Key Projects (No. 2017ZX09304029003, 2017ZX09304029004), and Beihang University & Capital Medical University Advanced Innovation Center for Big Data-Based Precision Medicine Plan (BHME- 201912) . 2. There are no relevant conflicts of interest. 3. We have no patents, whether planned, pending or issued, broadly relevant to the work.

Contributions: L Cui performed data analysis and wrote the manuscript; L Zhang, H-H Ma, D Wang and H-Y Lian performed research; C-J Wang, W-J Li, Q Zhang and N Li collected data. R Zhang, Z-G Li and T-Y Wang designed and supervised the study.