

Manuscript no. HAEMATOL/2012/074195 entitled “The trithorax protein partner menin acts in tandem with EZH2 to suppress C/EBPalpha and differentiation in MLL-AF9 leukemia”

Authors: Austin T. Thiel, Zijie Feng, Dhruv K. Pant, Lewis A. Chodosh, and Xianxin Hua

Information about the contributions of each person named as having participated in the study

1) Guarantor(s), i.e., person(s) who is (are) responsible for the integrity of the work as a whole:

- Xianxin Hua, University of Pennsylvania School of Medicine, huax@mail.med.upenn.edu
- Austin Thiel, University of Pennsylvania School of Medicine, austin.thiel@gmail.com

According to the International Committee of Medical Journal Editors (ICMJE) (http://www.icmje.org/ethical_1author.html): “Authorship credit should be based on: 1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3 Acquisition of funding, collection of data, or general supervision of the research group alone does not constitute authorship”.

The guarantors of this manuscript confirm that all persons designated as authors qualify for authorship, and that each author has participated sufficiently in the work to take public responsibility for appropriate portions of the content.

2) Authors who participated in the conception of the study: Austin Thiel, Xianxin Hua, Dhruv K. Pant, Lewis A. Chodosh

3) Design & Methods. The following authors were responsible for specific investigations:

- Austin T. Thiel and Xianxin Hua were responsible for designing cell culture, mouse studies, and molecular biology experiments
- Dhruv K. Pant and Lewis A. Chodosh were responsible for designing the cDNA microarray experiment and overall experimental design

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:

- Austin T. Thiel was responsible for Figures 1, 2, 3B-D, 4, 6, S1, S2, S3,S4, S6 and S7
- Zijie Feng was responsible for Figure 5
- Dhruv K. Pant was responsible for Figures 3A and S5

5) Writing the manuscript. The following authors were responsible for writing the manuscript:

- Austin T. Thiel and Xianxin Hua were responsible for writing the manuscript

6) Contributors Listed in Acknowledgments: Patricia Ernst, Martin Carroll, Warren Pear, Hong Wei