

Manuscript no. HAEMATOL/2012/066977 entitled “The role of a newly identified SET domain-containing protein, SETD3, in oncogenesis”

Authors: Zhangguo Chen, Catherine T. Yan, Yali Dou, Sawanee S. Viboolsittiseri, and Jing H. Wang

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:

- Jing H. Wang, Integrated Department of Immunology, University of Colorado School of Medicine and National Jewish Health, Denver, CO; jing.wang@ucdenver.edu

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: Jing H. Wang, Catherine T. Yan

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

- Catherine T. Yan and Jing H. Wang were responsible for analysis of CXP lymphoma
- Jing H. Wang was responsible for cloning the translocation breakpoints and designed the experiments to test the role of full length vs truncated SETD3 protein in cell growth
- Yali Dou was responsible for designing the experiments to test histone methyltransferase activity of SETD3

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

- Jing H. Wang and Catherine T. Yan were responsible for Figure 1
- Zhangguo Chen and Jing H. Wang were responsible for Figure 2. Sawanee S. Viboolsittiseri provided technical assistance to both
- Yali Dou was responsible for Figure 3

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

- Jing H. Wang and Zhangguo Chen were responsible for writing the manuscript

6) Contributors Listed in Acknowledgments:

- Dr. F.W. Alt for his financial support of the project (Leukemia & Lymphoma Society Marshall A. Lichtman SCOR Grant, FWA is an Investigator of the Howard Hughes Medical Institute).
- Dr. Yan Geng for providing material and technical advice including plasmids
- M.Murphy for technical assistance with FISH and SKY