

Manuscript no. HAEMATOL/2011/050187 entitled “Cancerous inhibitor of protein phosphatase 2A determines bortezomib-induced apoptosis in leukemia cells”

Authors: Chun-Yu Liu, Chung-Wai Shiau, Hsin-Yu Kuo, Hsiang-Po Huang, Ming-Huang Chen, Cheng-Hwai Tzeng, and Kuen-Feng Chen

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:

- Kuen-Feng Chen, Department of Medical Research, National Taiwan University Hospital, No 7, Chung-Shan S Rd, Taipei, Taiwan, kfchen1970@ntu.edu.tw
- Chung-Wai Shiau, Institute of Biopharmaceutical Sciences, National Yang-Ming University, No. 155, Sec. 2, Li-Nong Street, Taipei, Taiwan, cwshiau@ym.edu.tw

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: Chun-Yu Liu, Chung-Wai Shiau, Cheng-Hwai Tzeng, and Kuen-Feng Chen

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

- Chun-Yu Liu, Chung-Wai Shiau, Cheng-Hwai Tzeng, and Kuen-Feng Chen were responsible for the overall experimental design and interpreting the overall project
- Chun-Yu Liu, Hsin-Yu Kuo were responsible for running the experiments and overall project
- Hsiang-Po Huang was responsible for designating and running animal and immunohistochemical experiments
- Ming-Huang Chen was responsible for designating and running experiments on primary leukemia samples

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

- Chun-Yu Liu, Chung-Wai Shiau, Hsin-Yu Kuo, Cheng-Hwai Tzeng and Kuen-Feng Chen were responsible for generating and interpreting Figs 1, 2, 3, 4, S1, S2, and S3
- Hsiang-Po Huang was responsible for generating Figs 3 and 4B
- Ming-Huang Chen was responsible for generating Figs 4D, 4E, and S3

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

- Chun-Yu Liu, Chung-Wai Shiau and Kuen-Feng Chen were responsible for writing and editing the whole manuscript
- Hsin-Yu Kuo was responsible for writing the specific sections on Design and Methods and Results. Hsiang-Po Huang was responsible for writing specific sections on animal experiments, immunohistochemical staining and associated results

- Ming-Huang Chen was responsible for writing specific sections on primary leukemia cells and associated results and Figure 6 legends
- Cheng-Hwai Tzeng was responsible for co-writing Discussion and providing critique of the manuscript

6) Contributors Listed in Acknowledgments:

Grants support from Taiwan Clinical Oncology Research Foundation; National Taiwan University Hospital; National Science Council, Taiwan; Taipei Veterans General Hospital; and The Hematology Society of Taiwan