

Manuscript no. HAEMATOL/2012/064048 entitled “Spliceosomal gene mutations are frequent events in the diverse mutational spectrum of chronic myelomonocytic leukemia but largely absent in juvenile myelomonocytic leukemia”

Authors: Sarah Abu Kar, Anna M. Jankowska, Hideki Makishima, Valeria Visconte, Andres Jerez, Yuka Sugimoto, Hideki Muramatsu, Fabiola Traina, Manuel Afable, Kathryn Guinta, Ramon V. Tiu, Bartłomiej Przychodzen, Hirotoshi Sakaguchi, Seiji Kojima, Mikkael A. Sekeres, Alan F. List, Michael A. McDevitt, and Jaroslaw P. Maciejewski

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:
• Hideki Makishima, Cleveland Clinic, Cleveland, Ohio : makishh@ccf.org

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: Jaroslaw Maciejewski, Hideki Makishima

3) Design & Methods. The following authors were responsible for specific investigations
• Sarah Abu Kar, Anna Jankowska, Hideki Makishima, Valeria Visconte, Andres Jerez, Fabiola Traina, Hirotoshi Sakaguchi and Kathryn Guinta were responsible of sequencing the genes assessed in the CMML cohort
• Yuka Sugimoto, Hideki Muramatsu and Seiji Kojima were responsible of sequencing the genes assessed in the JMML cohort as well as gathering clinical data from their medical records.
• Ramon Tiu, Emanuel Afable and Mikkeal Sekkeres and Sarah Abu Kar were responsible of obtaining the clinical data from records on patients in the CMML cohort
• Alan List, Michael McDevitt were responsible of obtaining the genetic and the clinical data on part of the CMML cohort

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:
• Jaroslaw Maciejewski, Hideki Makishima and Sarah Abu Kar were responsible for gathering data in tables and figures.
• Sarah Abu Kar, Anna Jankowska, Hideki Makishima, Valeria Visconte, Andres Jerez, Fabiola Traina, Hirotoshi Sakaguchi, Bartłomiej Przychodzen and Kathryn Guinta were responsible of obtaining the genetic data on the CMML cohort
• Yuka Sugimoto, Hideki Muramatsu and Seiji Kojima were responsible of obtaining the genetic and clinical data data on the JMML cohort
• Ramon Tiu, Emanuel Afable and Mikkeal Sekkeres and Sarah Abu Kar were responsible of obtaining the clinical data on patients in the CMML cohort
• Alan List, Michael McDevitt were responsible of obtaining the genetic and the clinical data on part of the CMML cohort

- Bartłomiej Przychodzen was responsible of assembling figure 1A

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

- Sarah Abu Kar
- Hideki Makishima
- Jaroslaw Maciejewski

6) **Contributors Listed in Acknowledgments:**

Christine O'Keefe helped in editing.