Manuscript no. HAEMATOL.2010.029769 entitled "SQSTM1-NUP214: a new gene fusion in adult T-cell acute lymphoblastic leukemia"

Authors: Gorello P, La Starza R, Di Giacomo D, Messina M, Puzzolo MC, Crescenzi B, Santoro A, Chiaretti S, Mecucci C.

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:
- Cristina Mecucci, Hematology, University of Perugia, Italy, crimecux@unipg.it

According to the International Committee of Medical Journal Editors (ICMJE) (<a href="http://www.icmje.org/ethical\_1author.html">http://www.icmje.org/ethical\_1author.html</a>): "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: Paolo Gorello, Roberta La Starza, Sabina Chiaretti, Cristina Mecucci.
- 3) Design & Methods. The following authors were responsible for specific investigations (please detail):
- Sabina Chiaretti, Monica Messina were responsible for Gene expression profiling experiments
- Paolo Gorello, Roberta La starza were responsible for FISH, molecular cloning and PCR screening
- Alessandra Santoro provided patient analyzed
- 4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):
- Paolo Gorello was responsible for sequence analysis, Figure 1B, 2A, 2B.
- Danika Di Giacomo was responsible for molecular cloning, Figure 2A, 2B.
- Roberta La starza was responsible for FISH results, figure 1B, 1C.
- Chiaretti Sabina, Monica Messina were responsible for GEP experiments, Figure 1A.
- Barbara Crescenzi was responsible for FICTION experiments, figure 2C.
- Maria Cristina Puzzolo was responsible for RT-PCR screening.
- Cristina Mecucci supervised all results.
- 5) Writing the manuscript. The following authors were responsible for writing the manuscript:
- Paolo Gorello, Roberta La Starza and Cristina Mecucci wrote the paper.
- 6) Contributors Listed in Acknowledgments: The authors would like to thank GIMEMA (Gruppo Italiano Malattie Ematologiche dell'Adulto), Dr G A Boyd for assistance in the preparation of the manuscript.