

Manuscript no. HAEMATOL/2011/043786 entitled “High CD33 expression levels in acute myeloid leukemia cells carrying the nucleophosmin(NPM1) mutation“

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

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Maria Stefania De Propris and Anna Guarini were the principal investigators and contributed substantially to the conception and design, acquisition of data, or analysis and interpretation of data.

Maria Stefania De Propris, Sara Raponi and Maria Laura Milani performed the immunophenotype for this study.

Daniela Diverio performed the molecular analysis of NPM1 mutation.

Giovanna Meloni managed patients and took care of sample collection.

Maria Stefania De Propris and Anna Guarini wrote the paper.

Brunangelo Falini, Robin Foà and Anna Guarini co-ordinated the research and reviewed the manuscript.

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.

Yes

2) **Authors who participated in the conception of the study:** Maria Stefania De Propris, Anna Guarini and Robin Foà.

3) **Design & Methods.** The following authors were responsible for specific investigations (please detail):

- Maria Stefania De Propris, Sara Raponi and Maria Laura Milani performed the immunophenotype for this study.
- Daniela Diverio performed the molecular analysis of NPM1 mutation.
- Giovanna Meloni managed patients and took care of sample collection.

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):

- The results were largely analyzed by Maria Stefania De Propris and Anna Guarini.

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

- Maria Stefania De Propris and Anna Guarini wrote the paper.
- Robin Foà and Brunangelo Falini revised the manuscript.

6) Contributors Listed in Acknowledgments: (Examples of those who might be acknowledged include a person who provided purely technical help, writing assistance, or a department chair who provided only general support. Corresponding authors must declare whether they had assistance with the study design, data collection, data analysis, or manuscript preparation. If such assistance was available, the authors must disclose the identity of the individuals who provided this assistance and the entity that supported it. Financial and material support should also be acknowledged.)

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