Manuscript no. HAEMATOL/2012/075861entitled "Correlation between platelet phenotype and NBEAL2 genotype in patients with congenital thrombocytopenia and a-granule deficiency"

Authors: Roberta Bottega, Alessandro Pecci, Erica De Candia, Nuria Pujol-Moix, Paula G. Heller, Patrizia Noris, Daniela De Rocco, Gian Marco Podda, Ana C. Glembotsky, Marco Cattaneo, Carlo L. Balduini, and Anna Savoia

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: Anna Savoia, ¹Department of Medical Sciences, University of Trieste, Trieste, Italy. Email: anna.savoia@burlo.trieste.it

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: Roberta Bottega, Alessandro Pecci and Anna Savoia

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

- Roberta Bottega and Daniela De Rocco were responsible for molecular analysis
- Alessandro Pecci was responsible for immunofluorescence analysis
- Nuria Pujol-Moix was responsible for TEM analysis
- Alessandro Pecci, Erica De Candia, Nuria Pujol-Moix, Paula G. Heller, Patrizia Noris, Gian Marco Podda, Ana Glembotsky, Marco Cattaneo and Carlo L. Balduini were responsible for enrolling patients and acquiring clinical data

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

- Roberta Bottega, Anna Savoia and Daniela De Rocco were responsible for the identification of NBEAL2 mutations, splicing mutation analysis and missense pathogenicity analysis. They were also responsible for Tab.1, Fig.1(A,C and D) and Fig.2
- Alessandro Pecci was responsible for Fig.3
- Nuria Puiol-Moix was responsible for Fig. 1B
- Alessandro Pecci, Erica De Candia, Nuria Pujol-Moix, Paula G. Heller, Patrizia Noris, Gian Marco Podda, Ana Glembotsky, Marco Cattaneo and Carlo L. Balduini were responsible for characterization of patients with biallelic, monoallelic and no mutations of NBEAL2. They were also responsible for Tab.2, Tab.3, Tab.1S, Tab.2S and Tab.3S

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

- Roberta Bottega, Alessandro Pecci, annd Anna Savoia
- All the other authors read, commented, and approved the manuscripts

6) Contributors Listed in Acknowledgments:

- The authors would like to thank Dr. Daniela Santon and Dr. Gnan Chiara for technical
- This work was supported by grants from the Italian Ministry of Health (PRIN 2008), Italian ISS (Istituto Superiore di Sanità), and Grant 16/12 of IRCCS Burlo Garofolo.