

Manuscript no. HAEMATOL/2011/052852 entitled “Multiple myeloma shows no intra-disease clustering of immunoglobulin heavy chain genes“

Authors: Simone Ferrero, Daniela Capello, Mirija Svaldi, Michela Boi, Daniela Gatti, Daniela Drandi, Davide Rossi, Sara Barbiero, Barbara Mantoan, Elisabetta Mantella, Manuela Zanni, Paola Ghione, Alessandra Larocca, Roberto Passera, Francesco Bertoni, Valter Gattei, Francesco Forconi, Luca Laurenti, Giovanni Del Poeta, Roberto Marasca, Sergio Cortelazzo, Gianluca Gaidano, Antonio Palumbo, Mario Boccadoro and Marco Ladetto.

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:
- Simone Ferrero, Division of Hematology, Department of Experimental Medicine and Oncology, University of Torino, Torino, Italy. sferrero2@molinetto.piemonte.it
 - Marco Ladetto, Division of Hematology, Department of Experimental Medicine and Oncology, University of Torino, Torino, Italy. marco.ladetto@unito.

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**: Simone Ferrero , Marco Ladetto, Daniela Capello, Sergio Cortelazzo, Gianluca Gaidano, Antonio Palumbo, Mario Boccadoro

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

- The responsible for **Immunoglobulin sequences collection** were: Simone Ferrero was responsible for Immunoglobulin sequences collection, Daniela Capello, Mirija Svaldi, Michela Boi, Davide Rossi, Daniela Gatti, Francesco Bertoni, Valter Gattei, Francesco Forconi, Luca Laurenti, Giovanni Del Poeta, Roberto Marasca
- The responsible for **in vitro analysis** were: Daniela Capello, Daniela Gatti, Daniela Drandi, Sara Barbiero, Barbara Mantoan, Elisabetta Mantella, Paola Ghione
- The responsible for **clinical data collection** were: Simone Ferrero, Manuela Zanni, Paola Ghione, Alessandra Larocca, Davide Rossi
- The responsible for **Immunoglobulin sequences analysis** were: Simone Ferrero, Daniela Capello, Daniela Drandi, Sara Barbiero, Davide Rossi, Barbara Mantoan, Elisabetta Mantella, Manuela Zanni, Paola Ghione, Alessandra Larocca
- The responsible for **statistical analysis** were: Simone Ferrero, Roberto Passera

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

- The responsible for **Figure 1-3** were: Simone Ferrero, Sara Barbiero, Elisabetta Mantella
- The responsible for **Supplementary Figures** were: Michela Boi, Paola Ghione, Daniela Drandi
- The responsible for **Supplementary Tables** were: Mirija Svaldi, Davide Rossi, Francesco Bertoni, Valter Gattei, Francesco Forconi, Luca Laurenti, Giovanni Del Poeta, Roberto Marasca,

Alessandra Larocca, Manuela Zanni.

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

- The responsible for **writing the manuscript** were: Simone Ferrero, Marco Ladetto, Daniela Capello, Davide Rossi, Gianluca Gaidano, Valter Gattei, Francesco Bertoni, Sergio Cortelazzo, Antonio Palumbo, Mario Boccadoro.

6) **Contributors Listed in Acknowledgments:**

Data collection, data analysis, manuscript preparation: Antonella Fiorillo, Tiziana Marangon and Candida Vitale.