

Manuscript no. HAEMATOL/2010/025098 entitled "Role of reduced intensity conditioning in T-cell and B-cell immune reconstitution after HLA-identical bone marrow transplantation in ADA-SCID " **Authors:** Caterina Cancrini, Francesca Ferrua, Alessia Scarselli, Immacolata Brigida, Maria Luisa Romiti, Graziano Barera, Andrea Finocchi, Maria Grazia Roncarolo, Maurizio Caniglia and Alessandro Aiuti

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:

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2) Authors who participated in the **conception of the study:** Caterina Cancrini, Francesca Ferrua and Alessandro Aiuti

3) **Design & Methods.** The following authors were responsible for specific investigations
Caterina Cancrini, Francesca Ferrua, Alessia Scarselli, and Alessandro Aiuti were responsible for designing experiments in the two transplanted patients aimed studying their chimerism and immunological reconstitution.

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

Alessia Scarselli and Francesca Ferrua were responsible for collecting and analyzing data in Table 1 and Figure 1.

Luisa Romiti was responsible for TCR Vbeta spectratyping and functional studies (FIG. 2B)

Immacolata Brigida was responsible for TREC studies, functional studies and chimerism studies (Table 1 and Fig. 2A),

Andrea Finocchi, Maria Grazia Roncarolo, Graziano Barera and Maurizio Caniglia participated to the analyses and interpretation of data generated in Figure 1 and described in the text.

Alessandro Aiuti and Caterina Cancrini verified data collection, analyses and interpretation.

5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
Caterina Cancrini, Francesca Ferrua, Alessia Scarselli, and Alessandro Aiuti were responsible for writing the manuscript.

Luisa Romiti, Immacolata Brigida, Andrea Finocchi, Graziano Barera, Maria Grazia Roncarolo and Maurizio Caniglia revised critically the manuscript.

All authors approved the final version of the manuscript

6) **Contributors Listed in Acknowledgments:**

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