

**Manuscript no. HAEMATOL/2011/053504 entitled “Genetic modifiers of beta-thalassemia and clinical severity as assessed by age at first transfusion”**

**Authors: Fabrice Danjou, Franco Anni, Lucia Perseu, Stefania Satta, Carlo Dessi', Maria Eliana Lai, Paolo Fortina, Marcella Devoto, and Renzo Galanello**

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

1) **Guarantor**, i.e., person who is responsible for the integrity of the work as a whole:

- Renzo Galanello, Clinica Pediatrica 2a, Dipartimento di Scienze Biomediche e Biotecnologie - Università di Cagliari, Ospedale Regionale Microcitemie ASL8, Cagliari, Italy; e-mail renzo.galanello@mcweb.unica.it

According to the International Committee of Medical Journal Editors (ICMJE)

([http://www.icmje.org/ethical\\_1author.html](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**: Renzo Galanello, Fabrice Danjou, Franco Anni

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

- Fabrice Danjou and Marcella Devoto were responsible of data analysis and interpretation
- Franco Anni, Lucia Perseu, Stefania Satta, Carlo Dessi', Maria Eliana Lai and Paolo Fortina were responsible for data acquisition and interpretation
- Renzo Galanello was responsible for data interpretation

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

- Fabrice Danjou and Franco Anni were responsible for all tables and figures.

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

- Fabrice Danjou, Franco Anni, Paolo Fortina, Marcella Devoto, and Renzo Galanello were responsible for writing and revising the manuscript

6) **Contributors Listed in Acknowledgments**:

No assistance in the study design, data collection, data analysis, or manuscript preparation was given. No financial or material support was given.