Manuscript no. HAEMATOL/2010/026401 entitled "Impact of constitutional polymorphisms in VCAM1 and CD44 on CD34+ cell collection yield after G-CSF administration in healthy donors"

Authors: Beatriz Martín-Antonio1*, Magdalena Carmona1, Jose Falantes1, Encarnación Gil1, Alicia Baez1, María Suarez2, Pedro Marín2, Ildefonso Espigado1 and Álvaro Urbano-Ispizua1*

1Hospital Universitario Virgen del Rocío, Hematology Department, Universidad de Sevilla. Instituto de Biomedicina de Sevilla (IBIS). Seville, Spain. *Current address: 2Hospital Universitario Clinic, Hematology Department, Universidad de Barcelona. Institut d’Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS). Barcelona, Spain

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:
   • Beatriz Martin-Antonio, Hospital Clinic de Barcelona, Hematology Department, IDIBAPS, bmartina@clinic.ub.es
   • Álvaro Urbano-Ispizua, Hospital Clinic de Barcelona, Hematology Department, aurbano@clinic.ub.es

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: Alvaro Urbano-Ispizua, Magdalena Carmona, Beatriz Martin-Antonio

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

   • Beatriz Martin-Antonio was responsible for choosing the gene variants and designing the primes used in the real time RT PCR
   • Pedro Marin, Jose Falantes, Ildefonso Espigado and Maria Suarez were responsible for obtaining clinical data

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

   • Beatriz Martin-Antonio, Encarnación Gil and Alicia Baez were responsible for obtaining samples and genetic data
   • Beatriz Martin-Antonio was responsible for the statistical analysis and performed all the figures and tables
5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:

- Álvaro Urbano-Ispizua and Beatriz Martin-Antonio were responsible for writing the manuscript
- All the authors were responsible for reviewing the manuscript

6) **Contributors Listed in Acknowledgments:** *Project PI08/1137 from ISCIII (Instituto de Salud Carlos III), by Project RD06/0020/0012 from RTICC (Red Temática de Investigación Cooperativa en Cáncer) and by a grant from Consejería de Salud, Junta de Andalucía*