Manuscript no. HAEMATOL/2011/058677 entitled “The novel combination of sirolimus and bortezomib prevents graft-versus-host disease but maintains the graft-versus-leukemia effect after allogeneic transplantation”

Authors: Teresa Caballero-Velázquez, Luis Ignacio Sánchez-Abarca, Silvia Gutierrez-Cosio, Belén Blanco, Cristina Calderon, Carmen Herrero, Soraya Carrancio, Concepción Serrano, Consuelo del Cañizo, Jesús F San Miguel, José A Pérez-Simón.

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:
- Teresa Caballero Velázquez, Servicio de Hematología, Hospital Universitario Virgen del Rocio/CSIC/Universidad de Sevilla, Instituto de Biomedicina de Sevilla (IBIS),
  t.c.velazquez@gmail.com
- José Antonio Pérez Simón, Jefe de Servicio de Hematología, Hospital Universitario Virgen del Rocio/CSIC/Universidad de Sevilla, Instituto de Biomedicina de Sevilla (IBIS).
  josea.perez.simon.sspa@juntadeandalucia.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: José Antonio Pérez-Simón

3) Design & Methods. The following authors were responsible for specific investigations
- Teresa Caballero-Velázquez and Luis Ignacio Sánchez-Abarca were responsible for cell cultures (activation, proliferation and apoptosis assessment) and in vivo studies
- Silvia Gutierrez Cosio was responsible for cell cultures (activation, proliferation and apoptosis assessment)
- Belén Blanco was responsible for western blot assays
- Cristina Calderon was responsible for statistical analysis
- Carmen Herrero, Soraya Carrancio y Concepción Serrano were responsible for cell cultures and cytokine assays
- Consuelo del Cañizo, Jesús F. San Miguel were responsible for analytical tools
- José Antonio Pérez-Simón was responsible for cell cultures (activation, proliferation and apoptosis assessment), in vivo studies and statistical analysis.

4) Results. The following authors were responsible for specific portions of the results, including figures and tables
- José Antonio Pérez-Simón, Teresa Caballero-Velázquez and Luis Ignacio Sánchez-Abarca were responsible for cell cultures (activation, proliferation and apoptosis assessment) (Fig 1-2 and Table 1) and in vivo studies (Fig 4-6)
- Silvia Gutierrez Cosio was responsible for cell cultures (activation, proliferation and apoptosis assessment) (Fig 1-2 and Table 1)
• Belén Blanco was responsible for western blot assays (Fig4)
• Cristina Calderon and Jose Antonio Pérez-Simón were responsible for statistical analysis (Fig 5 and Fig 6)
• Carmen Herrero, Soraya Carrancio y Concepción Serrano were responsible for cytokine assays (Fig 3)
• Consuelo del Cañizo and Jesús F. San Miguel were responsible for analytical tools (Fig 1-2 and Table 1) and corrected manuscript

5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
• José Antonio Pérez-Simón, Teresa Caballero-Velázquez, Luis Ignacio Sánchez-Abarca and Belén Blanco were responsible for writing the manuscript

6) **Contributors Listed in Acknowledgments:**
We thank Dr. Juan A. Bueren for providing WEHI cells