Manuscript no. HAEMATOL/2011/057372 entitled “CD20 positive cells are undetectable in the majority of multiple myeloma cell lines and are not associated with a cancer stem cell phenotype”

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

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2) Authors who participated in the conception of the study: Jesús F. San-Miguel, Alberto Orfao, Atanasio Pandiella and Teresa Paíno conceived the idea and designed the study

3) Design & Methods. The following authors were responsible for specific investigations (please detail):
   • Teresa Paino and Bruno Paiva were responsible for flow cytometry design.
   • María E Sarasquete was responsible for the designing of qRT-PCR and the study of VDJH and IGκ rearrangements
   • Norma C Gutiérrez was responsible for the analysis of the gene expression arrays.
   • Teresa Paino designed the colony assays.
   • Teresa Paino, Enrique M Ocío, Laura San-Segundo and Mercedes Garayoa designed the in vivo experiments.
   • Teresa Paino performed the statistical analysis.

4) Results. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):
   • Teresa Paino and Bruno Paiva were responsible for the immunophenotypic analysis of the cell lines (Figure 1A, 1C and 1E).
   • Teresa Paino was responsible for the morphology study (May-Grünwald-Giemsa staining) (Figure 1D)
   • María E Sarasquete was responsible for the qRT-PCR analysis of CD20 in sorted CD20dim+ and CD20- RPMI8226 cells (Figure 1B) and also for the study of VDJH and IGκ rearrangements in sorted CD20dim+ and CD20- RPMI8226 cells.
   • Norma C Gutiérrez was responsible to analyze the gene expression profile of sorted CD20dim+ and CD20- RPMI8226 cells (Table 1)
• Teresa Paino was responsible to perform the serial colony assays and the immunophenotyping of colonies and tumors (Figure 2A, 2B and 2E).
• Teresa Paino and Laura San-Segundo studied the tumorigenic capacity of sorted CD20dim+ and CD20- RPMI8226 cells (Figure 2C and 2D).

5) Writing the manuscript. The following authors were responsible for writing the manuscript:
• Teresa Paino drafted and wrote the final version of the manuscript.
• Enrique M Ocio corrected and made important improvements in the text.
• Bruno Paiva corrected and made important improvements in the text.
• Jesús F San-Miguel corrected and made important improvements in the text.
• Alberto Orfao corrected and made important improvements in the text.
• And all authors reviewed and approved the manuscript

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