

Manuscript no. HAEMATOL/2011/050542 entitled “Overexpression of SET is a recurrent event associated with poor outcome that contributes to protein phosphatase 2A inhibition in acute myeloid leukemia”

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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**: Ion Cristóbal and María D. Otero have participated in the conception of the study.

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

- Ion Cristóbal was responsible for cloning the pEGFPC2-SET construct and performing the PP2A phosphatase activity assays and the statistical analyses.
- Laura García-Orti and Cristina Cirauqui were responsible for cell cultures, transfections, nucleic acid isolation and real time RT-PCR.
- Ion Cristóbal, Laura García and Cristina Cirauqui were responsible for carrying out western blots, proliferation assays, analysis of caspase-dependent apoptosis, and bioinformatic analysis of the SET proximal promoter.
- María A. García-Sánchez and Xabier Cortes-Lavaud were responsible for performing chromatin immunoprecipitation (ChIP) and luciferase assays.
- María J. Calasanz was responsible for making available clinical histories and patient samples.

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):

- Ion Cristóbal was responsible for Table 2, Figure 1, Supplementary Tables 1-2, and Supplementary Figures 1-3.
- Laura García-Orti and Cristina Cirauqui were responsible for Table 1, Figure 2, and Supplementary Figures 4-5.
- Ion Cristóbal, Laura García and Cristina Cirauqui were responsible for Figures 4-5.
- María A. García-Sánchez and Xabier Cortes-Lavaud were responsible for Figure 3.

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

- Ion Cristóbal and María D. Otero were responsible for writing the manuscript

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Financial and material support: This work was supported by Ministerio Educación y Ciencia (AP2006-03038), Ministerio de Ciencia e Innovación (PI11/02443, PI081687), Gobierno de Navarra (14/2008), ISCIII-RTICC (RD06/0020/0078), and FIMA y UTE (Spain).