

Manuscript no. HAEMATOL 2011/060251 entitled "Pontin is essential for murine hematopoietic stem cell survival"

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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**: Oxana Bereshchenko and Claus Nerlov

- 3) **Design & Methods**. The following authors were responsible for specific:
- Oxana Bereshchenko and Claus Nerlov were responsible for designing the experiments
 - Oxana Bereshchenko, Elena Mancini, Luisa Luciani, Adriana Gambardella and Claus Nerlov were responsible for elaborating methods to perform the designed experiments

- 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):
- Oxana Bereshchenko and Claus Nerlov were responsible for Suppl. Figure 1
 - Oxana Bereshchenko and Carlo Riccardi were responsible for Figure 1A
 - Oxana Bereshchenko and Claus Nerlov were responsible for Figure 1B
 - Oxana Bereshchenko was responsible for Figures 1C, 1E, 1F, 1J, 2C, 2D, 2E and 2H
 - Oxana Bereshchenko and Claus Nerlov were responsible for Figures 2A, 2B and 2F
 - Elena Mancini was responsible for Figures 2C, 2D, 2E and 2F
 - Luisa Luciani was responsible for Figures 1G and 1J
 - Adriana Gambardella was responsible for Figures 1J and 2A.

- 5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:
- Oxana Bereshchenko and Claus Nerlov wrote the manuscript
 - Oxana Bereshchenko, Elena Mancini, Luisa Luciani, Adriana Gambardella, Carlo Riccardi and Claus Nerlov critically read and corrected the manuscript

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Dr. Bruno Amati supplied Tip48 and Tip49 antibodies (Reptin and Pontin).

The work was supported through the FP6 EuroStemCell and EuroCSC consortia, and by an MRC Program Grant (grant number 93339) and MRC Strategic Award to CN.

OB was the recipient of an HFSP postdoctoral fellowship, and is a recipient of a José Carreras Young Investigator Fellowship.