

Manuscript no. HAEMATOL/2011/056119 entitled “Hepatic HIF-2 down-regulates hepcidin expression in mice through epo-mediated increase in erythropoiesis”

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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: Maria Mastrogiannaki, Pavle Matak, Jacques Mathieu, Sophie Vulont, Carole Peyssonnaux.

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

- Maria Mastrogiannaki was responsible for the study design, and contribute to all experiments : animal experiments, RT-PCR, reticulocyte and red blood cell counts, isolation and culture of primary hepatocytes, data analysis and interpretation.
- Pavle Matak was responsible for the study design, the generation of HIF-2 adenovirus construct, RT-PCR, data analysis and interpretation.
- Jacques R.R. Mathieu was responsible for the study design, RT-PCR, red blood cell counts, data analysis and interpretation.
- Stéphanie Delga was responsible for the study design, animal experiments, iron measurements, EPO ELISA, data analysis and interpretation.
- Patrick Mayeux was responsible for the study design, the developing of the anti-erythropoietin serum, data analysis and interpretation.
- Sophie Vulont was responsible for the study design, data analysis and interpretation.
- Carole Peyssonnaux was responsible for the study design, animal experiments, RT-PCR, data analysis and interpretation.

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):

- Maria Mastrogiannaki was responsible for all figures and analyzing data.
- Pavle Matak contributed to figure 4 and analyzing data.
- Jacques R.R. Mathieu contributed to all figures and analyzing data.
- Stéphanie Delga contributed to figures 1 and 2 and analyzing data.
- Patrick Mayeux contributed to figure 3 and analyzing data.
- Sophie Vulont was responsible for analyzing data of all figures.

- Carole Peyssonnaud contributed to figures 2 and 4 and analyzing data of all figures.

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

- Maria Mastrogiannaki, Pavle Matak, Sophie Vulont, Carole Peyssonnaud.
- All the authors critically read and contribute to the writing of the manuscript.

6) **Contributors Listed in Acknowledgments:**

Jean-Christophe Deschemin helped with animal experiments.