

**Manuscript no. HAEMATOL/2011/057620 entitled “Physiologically aged red blood cells undergo erythrophagocytosis in vivo but not in vitro”**

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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:  
• Esther G. Meyron-Holtz

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2) Authors who participated in the **conception of the study**: Esther G. Meyron-Holtz

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

- Yehonatan Gottlieb was responsible for hypertransfusion, Flow cytometry, *In vivo* erythrophagocytosis, *In vitro* erythrophagocytosis and was involved in statistical analysis.
- Orit Topaz was responsible of flow cytometry experiments and statistical analysis
- Lyora Cohen was responsible for perfusions and statistical analysis and was involved in *in vivo* erythrophagocytosis experiments.
- Liat David Yaakov was involved in flow cytometry and Hypertransfusion
- Tom Haber was involved in Flow cytometry
- Abigail Morgenstein was involved in Hypertransfusion
- Avital Weiss was responsible for RNA Derivation
- Karen Chait Berman was responsible for PCR

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):

- Yehonatan Gottlieb was responsible for figures 1-5
- Orit Topaz was involved in figures 1-3
- Lyora Cohen was involved in figures 4,5
- Liat David Yaakov was involved in figure 1 and responsible for supplementary figures
- Tom Haber was involved in figure 5
- Abigail Morgenstern was involved in figure 1
- Avital Weiss was involved in supplementary figure 1
- Karen Chait Berman was involved in supplementary figure 2

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

- Esther G Meyron Holtz was responsible for writing the manuscript
- Eitan Fibach was responsible for writing the manuscript
- Lyora Cohen was responsible for designing the Figures

**6) Contributors Listed in Acknowledgments:**

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