

**Manuscript no. HAEMATOL/2012/067611 entitled “Rabbit antithymocyte globulin (Thymoglobulin®) impairs the thymic output of both conventional and regulatory CD4+ T cells after allogeneic hematopoietic stem cell transplantation in adult patients“**

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

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The guarantors of this manuscript confirm that all persons designated as authors qualify for authorship, and that each author has participated sufficiently in the work to take public responsibility for appropriate portions of the content.

2) Authors who participated in the **conception of the study**: Il-Kang Na, Friedrich Wittenbecher, Mikalai Dziubianau, Angela Mensen, Carmen Scheibenbogen, Kathrin Rieger, Andreas Thiel

3) **Design & Methods**. The following authors were responsible for specific investigations

- Il-Kang Na, Mikalai Dziubianau, Desirée Kunkel, Carmen Scheibenbogen, Kathrin Rieger, Andreas Thiel were responsible for designing flow cytometry experiments with patient blood samples.
- Il-Kang Na, Friedrich Wittenbecher, Angela Mensen were responsible for designing in vitro experiments conducted with thymocytes and with blood samples from healthy donors.
- Friedrich Wittenbecher, Mikalai Dziubianau, Anne Herholz, were responsible for conducting flow cytometry experiments with patient blood samples, Kunkel D provided technical support for these experiments.
- Il-Kang Na, Angela Mensen were responsible for conducting in vitro experiments with thymocytes and with blood samples from healthy donors.
- Il-Kang Na, Friedrich Wittenbecher, Kathrin Rieger, Eckhard Thiel, Igor Wolfgang Blau, Olga Blau, Lutz Uharek were responsible for collecting clinical data.

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables:

- Il-Kang Na, Friedrich Wittenbecher, Kathrin Rieger, Andreas Thiel were responsible for analysis and interpretation of all results.
- Il-Kang Na, Friedrich Wittenbecher, Kathrin Rieger, Andreas Thiel were responsible for all figures.

- Additionally Mikalai Dziubianau, Anne Herholz, were responsible for analysis of part of the data of Figures 1-3, Mensen A was responsible for analysis of part of the data of Figures 4 and 5.
- Kathrin Rieger, Friedrich Wittenbecher, Il-Kang Na were responsible for Table 1.
- Kathrin Rieger, Igor Wolfgang Blau, Olga Blau, Eckhard Thiel, Lutz Uharek were responsible for validating and interpreting clinical data.
- Carmen Scheibenbogen supported interpretation of all results.

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

- Il-Kang Na and Friedrich Wittenbecher were responsible for writing the manuscript.
- Andreas Thiel, Kathrin Rieger, Igor Wolfgang Blau, Olga Blau, Carmen Scheibenbogen, Eckhard Thiel, Lutz Uharek, Angela Mensen, Anne Herholz, Mikalai Dziubianau, Desirée Kunkel were responsible for critical revision of the manuscript.
- All authors were responsible for final approval of the manuscript.

6) **Contributors Listed in Acknowledgments:**

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