

Manuscript no. HAEMATOL/2011/045229 entitled “Low platelet counts after induction therapy for childhood acute lymphoblastic leukemia strongly associate with poor early response to treatment as measured by minimal residual disease and are prognostic for treatment outcome“

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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: Martin Stanulla, Martin Zimmermann, Anja Möricke, Martin Schrappe and Karl Welte.

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

- Martin Stanulla, Martin Zimmermann, Anja Möricke and Karl Welte developed the study design.
- Martin Stanulla, Lutz Zeidler, Dorothee Bartels, Barbara Meissner, Christoph Tschan, Julia Skokowa, Lilia Goudeva and Hansjörg Riehm were involved in the acquisition of data regarding the first patient cohort - including histories on blood component transfusions - and prepared the data for further analysis.
- Martin Stanulla, Anja Möricke, Gunnar Cario, André Schrauder, Sarah Jäger, Hansjörg Riehm and Martin Schrappe were involved in the acquisition of data regarding the patient cohort for validation and prepared the data for further analysis.
- Richard Ratei and Wolf Dieter Ludwig performed immunophenotyping of leukemia samples.
- Andrea Teigler-Schlegel performed cyto- and molecular genetic diagnostics of leukemia blasts.
- Rolf Koehler and Claus R. Bartram performed minimal residual disease diagnostics.
- Martin Stanulla, Lutz Zeidler, Anja Möricke, Dorothee Bartels, Martin Schrappe, Karl Welte and Martin Zimmermann developed the analytical approach to the data.

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

- Martin Stanulla, Lutz Zeidler, Dorothee Bartels, Barbara Meissner, Christoph Tschan, Julia Skokowa, Lilia Goudeva, Hansjörg Riehm, Richard Ratei, Wolf Dieter Ludwig, Andrea Teigler-Schlegel, Rolf Koehler, Claus R. Bartram and Karl Welte were involved in the analysis of data and/or their interpretation regarding the overall and blood count-specific characterization of the first patient cohort.
- Martin Stanulla, Anja Möricke, Gunnar Cario, André Schrauder, Sarah Jäger, Hansjörg Riehm, Martin Schrappe, Richard Ratei, Wolf Dieter Ludwig, Andrea Teigler-Schlegel, Rolf Koehler and Claus R. Bartram were involved in the analysis of data and/or their interpretation regarding the overall and blood count-specific characterization of the patient cohort for validation.
- Richard Ratei and Wolf Dieter Ludwig analyzed the immunophenotypes of leukemia samples.

- Andrea Teigler-Schlegel analyzed cyto- and molecular genetic data of leukemia blasts.
- Rolf Koehler and Claus R. Bartram performed analyses on minimal residual disease data.
- Martin Stanulla, Lutz Zeidler, Anja Möricke, Dorothee Bartels and Martin Zimmermann performed statistical analyses and interpreted associated interim as well as final results.
- Martin Stanulla, Lutz Zeidler and Martin Zimmermann cooperatively prepared and are responsible for all tables.
- Martin Zimmermann, Martin Stanulla and Lutz Zeidler cooperatively prepared and are responsible for all figures.

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

- Lutz Zeidler and Martin Stanulla drafted the manuscript
- Martin Zimmermann, Anja Möricke, Barbara Meissner, Dorothee Bartels, Christoph Tschan, André Schrauder, Gunnar Cario, Lilia Goudeva, Sarah Jäger, Richard Ratei, Wolf-Dieter Ludwig, Andrea Teigler-Schlegel, Julia Skokowa, Rolf Köhler, Claus R. Bartram, Hansjörg Riehm, Martin Schrappe and Karl Welte critically evaluated the manuscript for intellectual content and actively improved its scientific message.

6) **Contributors Listed in Acknowledgments:**

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