

**Manuscript no. HAEMATOL/2011/056705 entitled "CD34+ gene expression profiling of individual children with very severe aplastic anemia indicates a pathogenic role of integrin receptors and the proapoptotic death ligand TRAIL"**

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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:** Borkhardt Arndt, Dugas Martin, Schuster Friedhelm R., Führer Monika, Bakchoul Tamam

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

- Hubner Bernd, Eckermann Olaf, Binder Vera were responsible for separation of CD34+ hematopoietic progenitor cells, mRNA extraction, amplification and labeling
- Bakchoul Tamam was responsible for the detection of platelet reactive antibodies
- Ruckert Christian, Klein Hans-Ulrich, Merk Sylvia were responsible for array data analyses

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

- Fischer Ute was responsible for interpretation of array results, figures 1-5 and tables
- Christian Ruckert, Klein Hans-Ulrich, Merk Sylvia, Dugas Martin were responsible for bioinformatic results and heatmaps displayed in Figures 1-5

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

- Fischer Ute was responsible for writing, proof-reading and revising the manuscript
- Ruckert Christian was responsible for writing the bioinformatic parts of the manuscript, proof-reading and revising the manuscript
- Binder Vera was responsible for revising and proof-reading the manuscript
- Borkhardt Arndt was responsible for the outline and content of the manuscript, revision and proof reading
- Hubner Bernd, Eckermann Olaf, Bakchoul Tamam, Schuster Friedhelm R., Merk Sylvia, Klein Hans-Ulrich, Führer Monika, Dugas Martin proof-read the manuscript

#### **6) Contributors Listed in Acknowledgments:**

The BMFZ (a core facility of the Heinrich-Heine-University) was responsible for array hybridization and scanning, expert assistance and valuable discussion of the experimental outcome.

Researchers at the Leukemia Research Fund Molecular Haematology Unit at the John Radcliffe Hospital, Oxford, UK were responsible for supply of expression profiling raw data of 66 MDS and normal samples.

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