

**Manuscript no. HAEMATOL/2011/054619 entitled “Histone acetylation and DNA demethylation of T-cells result in an anaplastic large cell lymphoma-like phenotype“**

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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: Maria Joosten, Volkhard Seitz, Harald Stein and Michael Hummel**

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

- Maria Joosten and Anke Sommerfeld were responsible for cell culture, 5-aza-dC/TSA treatment, ChIP analysis, quantitative real time PCR, western blot studies, methylation studies
- Erika Berg and Michael Hummel were responsible for immunohistochemistry
- Dido Lenze, Volkhard Seitz, Maria Joosten and Michael Hummel were responsible for microarray studies
- Karin Zimmermann and Ulf Leser were responsible for microarray data analysis and enrichment analysis of biological annotations

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

- Maria Joosten, Volkhard Seitz, Karin Zimmermann, Dido Lenze, Ulf Leser and Michael Hummel were responsible for “General impact of 5-aza-2'-deoxycytidine/trichostatin A treatment”, “Differentially expressed genes in T-cell and anaplastic large cell lymphoma cell lines” and “Concurrent up-regulation of many genes in epigenetically treated B- and T-cell lines” including Figure 1 and Supplementary Figures and Tables.
- Maria Joosten, Volkhard Seitz, Karin Zimmermann, Ulf Leser, Anke Sommerfeld and Michael Hummel were responsible for “Impact of global DNA demethylation and histone acetylation on the phenotypes of T- and anaplastic large cell lymphoma cells” including Figure 1 and Figure 2.
- Maria Joosten, Volkhard Seitz and Anke Sommerfeld were responsible for “Analysis of ID2 promoter methylation” including Figure 3.

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- Maria Joosten, Volkhard Seitz, Anke Sommerfeld, Erika Berg and Michael Hummel were responsible for “Silencing of T-cell transcription factors by H3K27trimethylation” including Figure 4 and Table 1.

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

Maria Joosten, Volkhard Seitz and Michael Hummel were responsible for writing the manuscript.

**6) Contributors Listed in Acknowledgments:**

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