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

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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.
• Maria Joosten, Volkhard Seitz and Anke Sommerfeld were responsible for “Analysis of ID2 promoter methylation” including Figure 3.
• 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.

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