

**Manuscript no. HAEMATOL 2010/031377 entitled “Inflammatory cytokines and signaling pathways are associated with survival of primary chronic lymphocytic leukemia cells in vitro: a dominant role of CCL2”**

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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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**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:**

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

- Angela Schulz was responsible for performing research and analyzing data of cell-based assays, qRT-PCR, ELISA, DNA and antibody arrays, as well as Ingenuity pathways analysis.
- Martina Seiffert was responsible for performing research and analyzing data of cell-based assays, qRT-PCR, and DNA microarrays.
- Grischa Toedt was responsible for quality control and statistical analysis of microarray data.
- Thorsten Zenz and Stephan Stilgenbauer were responsible for providing tumor samples and clinical data of the patients.

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

- Angela Schulz was responsible for gene expression analysis by microarrays and qRT-PCR, Ingenuity pathways analysis, quantification of soluble factors by antibody arrays and ELISA, as well as functional studies on CCL2, resulting in table 1, table 2, figure 1B+C, figure 3, figure 4, suppl. tables B, C, D, E, F, G, and suppl. figures 1 and 2.
- Martina Seiffert was responsible for cell viability assays and CLL/monocyte cocultures, as well as gene expression analysis by microarray and qRT-PCR, leading to figure 1A+C, figure 2, figure 3, figure 4C, suppl. tables A, B, C, D, E, F, G.
- Grischa Toedt was responsible for quality control and statistical analysis of microarray data leading to figure 1C, figure 3, and suppl. tables C, D, E, F, G.

- Thorsten Zenz and Sthepan Stilgenbauer were responsible for diagnostic and acquiring clinical data on all patients, resulting in suppl. table A.

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

- Martina Seiffert, Angela Schultz, Thorsten Zenz, and Peter Lichter were responsible for writing the paper.
- Grischa Toedt was responsible for writing the part on quality control and statistical analysis of microarray data.
- Stephan Stilgenbauer was responsible for final suggestions and approval of the final version of the paper.

6) **Contributors Listed in Acknowledgments:**

The authors would like to thank Daniel Mertens for helpful discussions and suggestions, and Sibylle Ohl for excellent technical assistance.

This work was supported by a grant from the German José Carreras Foundation, Grant No. DJCLS R 08/22v.

No individuals besides the authors were involved in the study design, data collection, data analysis, or manuscript preparation.