

**Manuscript no. HAEMATOL/2011/054924 entitled “Physical contact with endothelial cells through B<sub>1</sub>- and B<sub>2</sub>- integrins rescues chronic lymphocytic leukemia from spontaneous and drug-induced apoptosis and induces a peculiar gene expression profile on leukemic cells”**

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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**: Rossana Maffei, Roberto Marasca, Stefania Fiorcari

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

- Patrizia Zucchini and Valeria Coluccio were responsible for acquisition of clinical data and management of biological samples
- Stefania Fiorcari and Jenny Bulgarelli were responsible for flow cytometric analyses
- Stefania Fiorcari and Rossana Maffei were responsible for management of cell cultures
- Marcella Fontana and Silvia Martinelli were responsible for acquisition and interpretation of ELISA assays
- Goretta Bonaccorsi and Ilaria Castelli were responsible for stainings of CLL co-culture and immunohistochemistry of lymph nodes
- Silvia Deaglio was responsible for confocal microscopy studies
- Rossana Maffei and Roberto Marasca were responsible for acquisition, analysis and interpretation of gene expression profiling data
- Rossana Maffei was responsible for in vitro angiogenesis assays
- Rossana Maffei and Giulia Debbia were responsible for statistical analyses
- Franco Narni, Giuseppe Torelli, Mario Luppi and Roberto Marasca were responsible for drafting the article or revising it critically

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

- Rossana Maffei, Stefania Fiorcari and Jenny Bulgarelli were responsible for results concerning cell culture assays and flow cytometric data and for Figure 2, 3 and 4 and Supplementary Figure 3A
- Rossana Maffei and Roberto Marasca were responsible for results of gene expression profiling, Figure 5 and Supplementary Figure 2 and 4
- Marcella Fontana and Silvia Martinelli were responsible for results of ELISA assays and Figure 6A
- Ilaria Castelli and Goretta Bonaccorsi were responsible for visualization of HUVEC/CLL coculture (Figure 1A,B,C) and for immunohistochemical stainings (Figure 6C)
- Silvia Deaglio was responsible for results of confocal microscopy comprising Figure 1A and Supplementary Figure 3B
- Rossana Maffei was responsible for results and representation in Figure 6B of angiogenesis assays

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

- Rossana Maffei and Roberto Marasca were responsible for writing the manuscript and final approval of the version to be published.

**6) Contributors Listed in Acknowledgments:**

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