

**Manuscript no. HAEMATOL2010/022277- entitled “Expanded and highly active proliferation centers identify a histological subtype of chronic lymphocytic leukemia (“accelerated” chronic lymphocytic leukemia) with aggressive clinical behavior”** Authors: Eva Giné, Antoni Martínez, Neus Villamor, Armando López-Guillermo, Mireia Camos, Daniel Martínez, Jordi Esteve, Xavier Calvo, Ana Muntañola, Pau Abrisqueta, Maria Rozman, Ciril Rozman, Francesc Bosch, Elias Campo, and Emili Montserrat

**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**:

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

- **Francesc Bosch, Armando López Guillermo and Eva Giné were responsible for designing the clinical study**
- **Elias Campo and Antonio Martínez were responsible for designing the histological study**
- **Francesc Bosch, Armando López-Guillermo, Ciril Rozman and Eva Giné were responsible for the statistical study**

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

- **Eva Giné was responsible for Figure 1 and 3 and Table 2**
- **Antonio Martínez and Daniel Martínez were responsible for Figure 2**
- **Jordi Esteve, Xavier Calvo, Ana Muntañola and Pau Abrisqueta were responsible for Tables 1 and 3**
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5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:

- **Eva Giné, Armando López-Guillermo and Francesc Bosch were responsible for the introduction, design and methods, results and discussion sections**
- **Elias Campo and Emili Montserrat were responsible for reviewing the manuscript critically**
- **All authors discussed and agreed on the final version of the paper**

6) **Contributors Listed in Acknowledgments:** (Examples of those who might be acknowledged include a person who provided purely technical help, writing assistance, or a department chair who provided only general support. Corresponding authors must declare whether they had assistance with the study design, data collection, data analysis, or manuscript preparation. If such assistance was available, the authors must disclose the identity of the individuals who provided this assistance and the entity that supported it. Financial and material support should also be acknowledged.)

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