

**Manuscript no. HAEMATOL/2011/053983 entitled “Abnormal telomere shortenings of peripheral blood mononuclear cells and granulocytes in patients with chronic idiopathic neutropenia”**

**Authors: Konstantia I. Pavlaki, Maria-Christina Kastrinaki, Michail Klontzas, Maria Velegraki, Irene Mavroudi, Helen A. Papadaki**

**Information about the contributions of each person named as having participated in the study**

1) **Guarantor** i.e., person who is responsible for the integrity of the work as a whole:  
• Helen A. Papadaki, MD PhD Professor of Hematology, epapadak@med.uoc.gr

According to the International Committee of Medical Journal Editors (ICMJE) ([http://www.icmje.org/ethical\\_1author.html](http://www.icmje.org/ethical_1author.html)): “*Authorship credit should be based on: 1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3 ..... Acquisition of funding, collection of data, or general supervision of the research group alone does not constitute authorship*”.

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:** Helen A. Papadaki

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

- Helen A. Papadaki and Maria Velegraki were responsible for providing samples.
- Konstantia I. Pavlaki and Michail Klontzas were responsible for cell separation and genomic DNA extraction.
- Maria-Christina Kastrinaki was responsible for molecular assays.
- Konstantia I. Pavlaki and Irene Mavroudi were responsible for Real Time quantitative PCR for telomere length measurement.
- Konstantia I. Pavlaki was responsible for telomerase activity determination.
- Konstantia I. Pavlaki and Maria Velegraki were responsible for Real Time quantitative PCR for human telomerase reverse transcriptase (hTERT) expression.
- Helen A. Papadaki was responsible for statistical analysis.

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):

- Helen A. Papadaki, Konstantia I. Pavlaki were responsible for figures 1 - 4.
- Helen A. Papadaki, Konstantia I. Pavlaki, Maria Velegraki were responsible for table 1.

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

- Helen A. Papadaki was responsible for Introduction, Design and Methods, Results and Discussion.
- Konstantia Pavlaki was responsible for Design and Methods.

6) **Contributors Listed in Acknowledgments:**

The authors declare no competing financial interests. This work was supported by a grant from the Hellenic Hematology Association and the “Manasaki” fellowship of the University of Crete to Konstantia I. Pavlaki and the grant 09SYN-13-880 of the Greek Ministry of National Education and Religious Affairs to Helen A. Papadaki. (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.)