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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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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 George N. Goulielmos were responsible for supervising the experiments.
- Helen A. Papadaki, Maria Velegraki and Konstantia Pavlaki were responsible providing patient samples.
- Semeli Mastrodemou, Maria Velegraki and Konstantia Pavlaki were responsible for cell separation and DNA and RNA extraction.
- Semeli Mastrodemou and Vasilios Vazgiourakis were responsible for performing PCR for G6PD and IDS genes genotyping for C/T silent polymorphism at nt.1311 and nt. 438 respectively and clonality analysis.
- 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, Semeli Mastrodemou, Vasilios Vazgiourakis, George N. Goulielmos were responsible for analyzing and interpreting the data
- Helen A. Papadaki was responsible for table 1.
- Semeli Mastrodemou was responsible for figure 1.

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

- Helen A. Papadaki was responsible for writing the manuscript.
- George N. Goulielmos was responsible for thoroughly reading the manuscript.

6) **Contributors Listed in Acknowledgments**:

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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.)