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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: Angelo D’Alessandro, Gian Maria D’Amici, Lello Zolla.

3) Design & Methods. The following authors were responsible for specific investigations:
• Angelo D’Alessandro was responsible for HPLC-mass spectrometry analyses
• Gian Maria D’Amici was responsible for electrophoretic analyses and spectrophotometric assays.
• Stefania Vaglio was responsible for cell collection, processing and sampling.

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:
• Angelo D’Alessandro was responsible for metabolomics, proteomics and spectrophotometry data interpretation.
• Stefania Vaglio was responsible for transfusion medicine (cell collection, processing and handling); provided medical expertise.
• Gian Maria D’Amici was responsible for the interpretation of electrophoretic results.
• Lello Zolla was responsible for the supervision of the results.

5) Writing the manuscript. The following authors were responsible for writing the manuscript:
• Angelo D’Alessandro was responsible for writing and revising the paper.
• Lello Zolla was responsible for revising the paper.
• Stefania Vaglio was responsible for revising the paper.

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