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

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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: Alessandra Balduini, Marco Cattaneo

3) Design & Methods. The following authors were responsible for specific investigations (please detail):
   • Christian Andrea Di Buduo, Alessandro Malara and Isabella Pallotta were responsible for differentiation of megakaryocytes and morphological analysis and for proplatelet formation studies at different conditions;
   • Christian Andrea Di Buduo was responsible for assessment of cell viability, preparation of cell lysates and western immunoblotting;
   • Paola Rebuzzini was responsible for retrotranscription and quantitative real-time polymerase chain reaction;
   • Manuela Currao was responsible for flow cytometry analysis of megakaryocytes differentiation and ploidy;
   • Anna Lecchi was responsible for measurement of adenine nucleotides in the supernatants of megakaryocyte culture;
   • Joseph A. Jakubowski was responsible for whole blood platelet counts in thienopyridine treated patients.

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):
   • Christian Andrea Di Buduo, Alessandro Malara, Isabella Pallotta and Anna Lecchi were responsible for FIGURE 1;
   • Paola Rebuzzini and Christian Andrea Di Buduo were responsible for FIGURE 2 and TABLE 1;
   • Christian Andrea Di Buduo was responsible for FIGURE 3, FIGURE 5 and FIGURE 6;
   • Christian Andrea Di Buduo and Manuela Currao were responsible for FIGURE 4;
   • Joseph A. Jakubowski was responsible TABLE 2;
• Marco Cattaneo was responsible for TABLE 3.

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