The importance of calcium in the regulation of megakaryocyte function

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- Christian Andrea Di Buduo was responsible for human cord blood-derived megakaryocyte differentiation, sample preparation and analysis of megakaryocyte functionality under the different tested conditions;
- Christian Andrea Di Buduo was responsible for calcium imaging under static condition, western blotting and polymerase chain reaction analysis;
- Monica Battiston was responsible for calcium imaging under flow.
- Christian Andrea Di Buduo was responsible for generation of figures 1, 2, 3, 4, 5, 7 and supplemental figures 1, 2, 3, 4.
- Monica Battiston was responsible for generation of figure 6.
- Luigi De Marco, Mario Mazzucato and Franco Tanzi provided instruments and materials for calcium imaging under flow and static conditions.
- Luigi De Marco, Mario Mazzucato, Remigio Moratti and Franco Tanzi analyzed the data and edited the manuscript.
- Alessandra Balduini, Francesco Moccia and Christian Andrea Di Buduo designed the experiments, analyzed the data and wrote the manuscript.
- Alessandra Balduini designed the project and coordinated the research.
- All the authors gave their final approval of the version to be published.