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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: Paul-Henri Romeo, Christophe Junot and Jean Delaunay.

3) Design & Methods. The following authors were responsible for specific investigations:
   • Dhouha Darghouth was responsible for purification of red blood cells, metabolome analysis and statistical analysis.
   • Bérengère Koehl was responsible for purification of red blood cells, metabolome analysis and statistical analysis.
   • Petra Bovee and Giel Bosman were responsible for fractionation of RBCs according to their age.
   • Jean-françois Helier and Geoffrey Madalinski were responsible for metabolite analysis and statistical analysis.

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:
   • Dhouha Darghouth and Bérengère Koehl were responsible for figures 1, 2 and 3.
   • Jean-François Helier and Geoffrey Madalinski were responsible for figures 1 and 2.

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