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**Authors: Stamatopoulos B, Meuleman N, De Bruyn C, Pieters K, Mineur P, Le Roy C, Saint-Georges S, Varin-Blank N, Cymbalista F, Bron D, Lagneaux L.**

**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:

- Basile Stamatopoulos, Laboratory of Clinical Cell Therapy, J. Bordet Institute, Brussels, Belgium, bstamato@ulb.ac.be
- Laurence Lagneaux, Laboratory of Clinical Cell Therapy, J. Bordet Institute, Brussels, Belgium, laurence.lagneaux@bordet.be

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2) Authors who participated in the **conception of the study**: All authors participated to the conception of the study

3) **Design & Methods**. The following authors were responsible for specific investigations

- Basile Stamatopoulos was responsible for cell culture experiment, statistics, acquisition of the data, and interpretation of the data
- Laurence Lagneaux was responsible for MSC culture
- Cécile De Bruyn was responsible for flow cytometry experiment
- All other co-authors design, acquisition of data, or analysis and interpretation of data

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables:

- Basile Stamatopoulos was responsible for all tables and all figures

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

- Basile Stamatopoulos and Laurence Lagneaux were responsible for the discussion.
- All others co-authors read, revised the manuscript critically for important intellectual content

6) **Contributors Listed in Acknowledgments**: -