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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**: Eduardo Anglés-Cano, Françoise Dignat-George, Laurent Plawinski, Romaric Lacroix

3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):

- Laurent Plawinski and Romaric Lacroix performed the isolation and characterization (all identification and functional aspects) of cellular microvesicles.
- Laurent Plawinski performed all plasminogen activation and plasminogen activator characterization studies.
- Stéphane Robert, Sara Martinez de Lizarrondo and Makon-Sébastien Njock contributed to isolation and purification of microparticle subpopulations
- Anna Mezzapesa, Loïc Doeuvre and Francine Anfosso participated in in vitro microvesicle production and data interpretation.
- Aurelie S. Leroyer and Chantal M. Boulanger contributed to atherosclerotic patient experiments and editing of the manuscript
- Pascale Poullin was responsible for thrombotic thrombocytopenic patient studies
- Noémie Jourde was responsible for systemic lupus erythematosus patient studies
- Florence Sabatier participated in experiment design and data analysis

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):

- Laurent Plawinski and Romaric Lacroix collected, analyzed and interpreted data.
- Laurent Plawinski and Romaric Lacroix were responsible for figures 1, 3 and 4
- Laurent Plawinski was responsible for figure 2 and Online Supplementary figures S4, S5, S6 and S7.
- Romaric Lacroix was responsible for On Line Supplementary figures S1, S2 and S3.

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

- Laurent Plawinski, Romaric Lacroix, Françoise Dignat-George and Eduardo ANGLES-CANO were responsible for drafting and final writing of the manuscript.
- Chantal M Boulanger participated in manuscript revision and editing.

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