**All modifications appear in red in the revised manuscript. In the following letter we answer every point raised by the editor.**

**Editorial comments:**  
  
1. The language is still unclear in places; please thoroughly proofread, ideally by a fluent English speaker.

The text has been proofread by a fluent English speaker and modifications have been done in the text and appear in red in the revised manuscript.

2. 1.1/1.3: What do you mean by ‘later called’?

We have clarified this point and changed ‘later called’ by ‘referred to as macrophage medium throughout the protocol’

3. 2.1: Please provide the density gradient solution in the Table of Materials.

We have added the density gradient solution in the Table of Materials.

4. 2.2: Where does the LRSC sample come from? Please clarify. Also, if this is from human blood, as seems to be the case, please include an ethics statement before the numbered protocol steps, indicating that the protocol follows the guidelines of your institution’s human research ethics committee.

We have added the following sentence:

Human blood samples (LRSC) from healthy de-identified donors were obtained from EFS (French national blood service) as part of an authorized protocol (CODECOH DC-2018–3114). Donors gave signed consent for use of their blood.

5. 2.4: I’m not sure what a ‘ring’ is here-do you mean ‘layer’?

We have changed ‘ring’ to ‘layer’

6. 3.1: What is a typical amount of PBMCs used?

We have precised the amount of PBMC: “typically 100-300 106 cells”

7. 3.7: Steps 3.8-3.13 do not exist.

This was a mistake the steps are “3.4 to 3.7”

8. 6.1: Please include the working station in the Table of Materials.

We have added the working station in the Table of Materials.

9. 7.1: What is a ‘pinch’ of bromophenol blue?

We have precised the amount of bromophenol blue: 0.2 % w/v

10. 11/12: Please remove the embedded tables and incorporate into the text.

This has been modified in the revised manuscript.

11. All the figures are rather low-resolution and pixelated (not just in the pdf); please provide higher-resolution ones (at least 300 dpi). Additionally, please remove ‘Figure 1/2/etc.’ from the Figures themselves, and remove all unnecessary whitespace.

We have performed the required modifications and are now in position to provide figures of more than 600 dpi.

12. Figure 4A: Why is this sideways? Please rotate.

We have modified the picture accordingly.

13. Table 1 is not present in the current submission.

This was an omission we provide the table in the new version.