Dear Dr. Bajaj,

We sincerely appreciate the editorial comments in the second revision phase of our manuscript JoVE58652. Thank you very much for formatting our manuscript according to the JoVE guidelines. My co-authors and I read and addressed your edits carefully, and we hope that we followed all instructions with satisfaction.

In the introduction part, we added the requested references to provide a comprehensive background for the protocol.

In the protocol part itself, we addressed all comments and added details on the instructions for the dissection part as well as the brain slicing, immunostaining and LC identification. As requested, we also provided citations in this part. Concerning the video production, we labeled 2.75 pages which are essential for the process of identifying the LC in yellow.

Concerning the preparation of Figure 3, we selected an image with higher resolution and provided the essential scale bar. To address the editor’s comment 4, we have not published any of the figures previously.

We are looking forward to your feedback. Thank you very much in advance.

Sincerely,

Katharina Schmidt