| Data Sharing Statement |                                                                                                                                                     |                                                                                                                  |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Article<br>Info        | https://dx.doi.org/10.21037/atm-22-4997                                                                                                             |                                                                                                                  |
| Item                   | Question                                                                                                                                            | Authors' Response (place "-" if not applicable)                                                                  |
| 1                      | Would you like to share data collected for your study to others?                                                                                    | Yes.                                                                                                             |
| 2                      | If not, would you like to share the reason for your decision?                                                                                       | -                                                                                                                |
| 3                      | What data in particular will be shared?                                                                                                             | Specific research data in the experiment and statistical chart can be shared.                                    |
| 4                      | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | No.                                                                                                              |
| 5                      | When will data availability begin?                                                                                                                  | From the publication date.                                                                                       |
| 6                      | When will data availability end?                                                                                                                    | Two years within the publication date, since the technique or data may be updated over time.                     |
| 7                      | To whom will you share the data?                                                                                                                    | Neuroscientists who are interested in studies of cognitive impairment.                                           |
| 8                      | For what type of analysis or purpose?                                                                                                               | For analysis to evaluate the effect of inflammatory in cognitive impairment patients.                            |
| 9                      | How or where can the data/documents be obtained?                                                                                                    | Emails could be sent to the address below to obtain the shared data: huanglinshen@fjmu.edu.cn.                   |
| 10                     | Any other restrictions?                                                                                                                             | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |