### Data Sharing Statement

| 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?                                   | The differential protein data in particular will be shared. We have obtained 29 differentially expressed proteins with statistical significance, many of which are worthy of further study. |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Yes.                                            |
| 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 may be updated over time. |
| 7    | To whom will you share the data?                                         | Neurologists are interested in DHCA research.    |
| 8    | For what type of analysis or purpose?                                    | For analysis to evaluate the effectiveness of DHCA or differential proteomics study of rat hippocampal mitochondria |
| 9    | How or where can the data/documents be obtained?                         | Emails could be sent to the address below to obtain the shared data: 619475466@qq.com |
| 10   | Any other restrictions?                                                  | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |