# 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 data of melatonin’s effects on inflammation and angiogenesis in alkali injury-induced angiogenesis.       |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Study protocol, statistical analysis plan, informed consent form, will also be shared if requested.          |
| 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 survival date may be updated over time.          |
| 7    | To whom will you share the data?                                        | Researchers who are interested in our study.                                                                  |
| 8    | For what type of analysis or purpose?                                   | To investigated the role of melatonin regarding pro-angiogenic factors and inflammation-related molecules in in vivo and in vitro macrophages. |
| 9    | How or where can the data/documents be obtained?                        | Emails could be sent to the address below to obtain the shared data: 822616153@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. |