## 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? | N/A |
| 3        | What data in particular will be shared? | The ICP and histological data in the animal experiments. |
| 4        | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Protocol of animal experiments, Protocol of tissue processing and immunofluorescence |
| 5        | When will data availability begin? | When the paper is published online |
| 6        | When will data availability end? | 1 year after the paper is published online |
| 7        | To whom will you share the data? | Researchers in the field of sexual function |
| 8        | For what type of analysis or purpose? | Animal experiments |
| 9        | How or where can the data/documents be obtained? | The data should be shared through email if needed Huixi Li (huixilee@foxmail.com) |
| 10       | Any other restrictions? | Permission should be got from corresponding author, when the actual data files are to be shared. |