Supplemental Table S1. Statistical comparison of intra-adhesion score between the groups. Related to Fig. 1.

|  |  |  |
| --- | --- | --- |
| Groups | *P* value | Summary |
| Day 3 | *sham* vs. *PA* | <0.0001 | \*\*\* |
| *PA* vs. *PA+PTX* | 0.0165 | \* |
| *sham* vs. *PA+PTX* | 0.0025 | \*\* |
| Day 7 | *sham* vs. *PA* | <0.0001 | \*\*\* |
| *PA* vs. *PA+PTX* | 0.0267 | \* |
| *sham* vs. *PA+PTX* | 0.0027 | \*\* |

Supplemental Table S2. Statistical comparison of tPA between the groups. Related to Fig. 3.

|  |  |  |
| --- | --- | --- |
| Groups | *P* value | Summary |
| Day 3 | *sham* vs. *PA* | <0.0001 | \*\*\* |
| *PA* vs. *PA+PTX* | 0.1921 | ns. |
| *sham* vs. *PA+PTX* | <0.0001 | \*\*\* |
| Day 7 | *sham* vs. *PA* | 0.0003 | \*\*\* |
| *PA* vs. *PA+PTX* | 0.0002 | \*\*\* |
| *sham* vs. *PA+PTX* | <0.0001 | \*\*\* |

Supplemental Table S3. Statistical comparison of ki67; CD31 staining between the groups. Related to Fig. 4B.

|  |  |  |
| --- | --- | --- |
| Groups | *P* value | Summary |
| Day 3 | *sham* vs. *PA* | <0.0001 | \*\*\* |
| *PA* vs. *PA+PTX* | <0.0001 | \*\*\* |
| *sham* vs. *PA+PTX* | 0.3751 | ns. |
| Day 7 | *sham* vs. *PA* | <0.0001 | \*\*\* |
| *PA* vs. *PA+PTX* | <0.0001 | \*\*\* |
| *sham* vs. *PA+PTX* | 0.9505 | ns. |

Supplemental Table S4. Statistical comparison of CD31+ staining between the groups. Related to Fig. 4C.

|  |  |  |
| --- | --- | --- |
| Groups | *P* value | Summary |
| Day 3 | *sham* vs. *PA* | 0.1636 | ns. |
| *PA* vs. *PA+PTX* | 0.3765 | ns. |
| *sham* vs. *PA+PTX* | 0.0700 | ns. |
| Day 7 | *sham* vs. *PA* | <0.0001 | \*\*\* |
| *PA* vs. *PA+PTX* | <0.0001 | \*\*\* |
| *sham* vs. *PA+PTX* | 0.9505 | ns. |

Supplemental Table S5. Statistical comparison of F4/80+ staining between the groups. Related to Fig. 5B.

|  |  |  |
| --- | --- | --- |
| Groups | *P* value | Summary |
| Day 3 | *sham* vs. *PA* | 0.0054 | \*\* |
| *PA* vs. *PA+PTX* | 0.0619 | ns. |
| *sham* vs. *PA+PTX* | 0.0619 | ns. |
| Day 7 | *sham* vs. *PA* | 0.0015 | \*\* |
| *PA* vs. *PA+PTX* | 0.0034 | \*\* |
| *sham* vs. *PA+PTX* | 0.0711 | ns. |

Supplemental Table S6. Statistical comparison of S100A4+ staining between the groups. Related to Fig. 6B.

|  |  |  |
| --- | --- | --- |
| Groups | *P* value | Summary |
| Day 3 | *sham* vs. *PA* | 0.0515 | ns. |
| *PA* vs. *PA+PTX* | 0.0177 | \* |
| *sham* vs. *PA+PTX* | 0.7320 | ns. |
| Day 7 | *sham* vs. *PA* | 0.0670 | ns. |
| *PA* vs. *PA+PTX* | 0.0411 | \* |
| *sham* vs. *PA+PTX* | 0.4722 | ns. |

Supplemental Table S7. Statistical comparison of α-SMA+ staining between the groups. Related to Fig. 7C.

|  |  |  |
| --- | --- | --- |
| Groups | *P* value | Summary |
| Day 3 | *sham* vs. *PA* | 0.0280 | \* |
| *PA* vs. *PA+PTX* | 0.0337 | \* |
| *sham* vs. *PA+PTX* | 0.4509 | ns. |
| Day 7 | *sham* vs. *PA* | 0.0159 | \* |
| *PA* vs. *PA+PTX* | 0.0017 | \*\* |
| *sham* vs. *PA+PTX* | 0.4164 | ns. |