

**Materials List for:**

**Photothrombotic Ischemia: A Minimally Invasive and Reproducible Photochemical Cortical Lesion Model for Mouse Stroke Studies**

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**Materials**

| Name                                      | Company                    | Catalog Number | Comments                                  |
|---|----------------------------|----------------|---|
| <b>Solutions and chemicals</b>            |                            |                |   |
| Rose Bengal                               | Sigma, Italy               | 330000         |   |
| Isoflurane Vet                            | Merial                     | 103120022      |   |
| Betadine                                  | Asta Medica                |                |   |
| Paraformaldehyde                          | Sigma-Aldrich              | 158127         |   |
| <b>Surgical material and equipment</b>    |                            |                |   |
| Fluosorber Filter                         | Havard apparatus           | 340415         |   |
| 150W fiber optic illuminator              | Photonic                   | PL3000         |   |
| Temperature Controller for Plate TCAT-2DF | Havard apparatus           | 727561         |   |
| Stereotaxic Instrument                    | Stoelting                  | 51950          |   |
| Operating microscope                      | Takagi                     | OM8            |   |
| Heating pad                               |                            |                |   |
| Oxygen and nitrogen gas                   |                            |                |   |
| Surgery Tools                             | World precision instrument |                | Optic fiber taps and mask are custom-made |