**LEE LAB RESEARCH LABORATORY**

**PROTEIN INJECTION PROTOCOL**

**Injection Parameters**

1. Stereotaxic coordinates:
   1. Intracortical/Intrastriatal (IC/IS): 2.0 mm lateral from the midline, +0.2 mm relative to bregma, and 0.8 and 2.6 mm deep from the dura
   2. Brainstem: 0.2 mm lateral from the midline, -7.34 mm from bregma, 3.75 mm deep from the dura.
2. Injectable:
   1. 2.5 µg of total protein in a volume of 2.5 µl.
   2. Rate: 0.1 µl per minute
   3. Needle: 28 ga needle attached via tubing to a Hamilton syringe controlled by a constant pressure syringe pump (Harvard Apparatus, Holliston, MA).