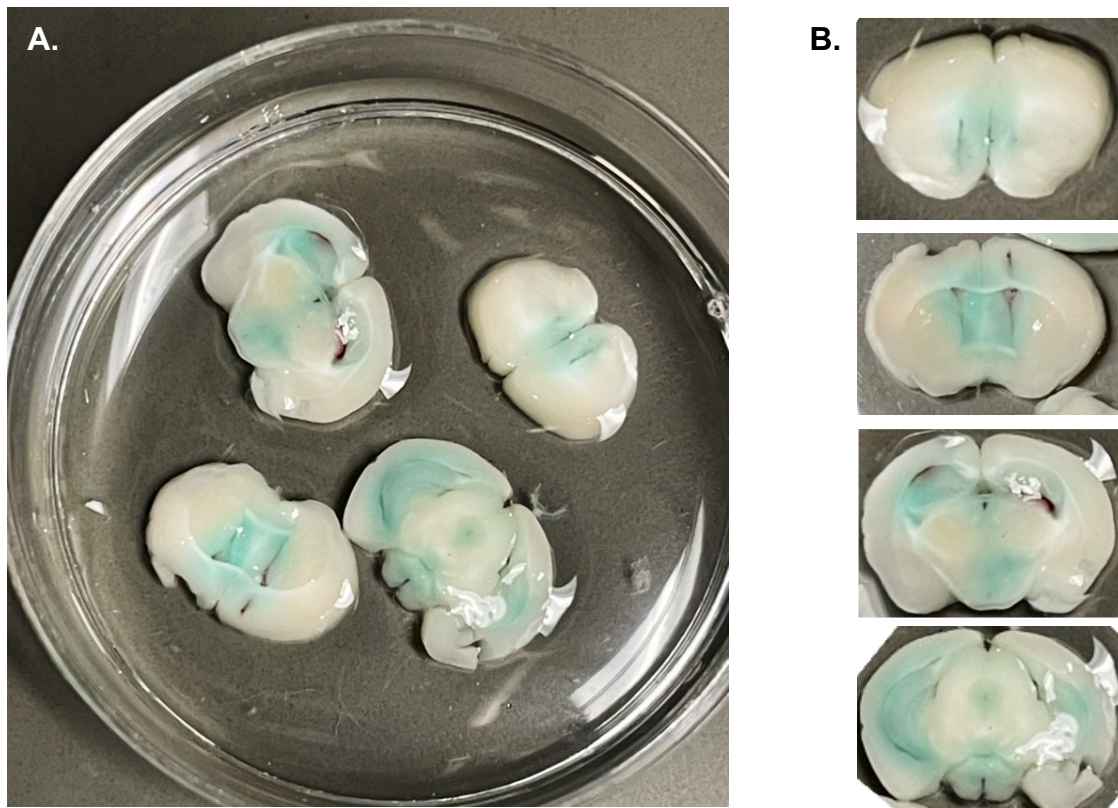




Supplemental Figure 3 Visualization of Ventricular System Perfusion Using 2.5% Fast Green Dye in Mouse Brain. (A-B) Images showing the distribution of 2.5% Fast Green dye in a perfused mouse brain immediately following administration via the left ventricle. The dye's presence throughout the ventricular system confirms the correct placement of the catheter. The coordinates for pump implantation relative to bregma are -0.5 mm posterior, -1.1 mm lateral (right), and -2.5 mm ventral (length of catheter). These images demonstrate the successful perfusion and the anatomical accuracy of the catheter placement for the delivery of substances into the brain's ventricular system.