

## Description of Additional Supplementary Files

### **File Name: Supplementary Movie 1**

**Description:** Assessment of brain vessel leakiness immediately after cranial window surgery. Representative real-time video of brain microvessels taken after cranial window surgery showing flow of intravenous 70 kDa FITC-dextran (green) coursing through microvessels without evidence of leakage.

### **File Name: Supplementary Movie 2**

**Description:** Transferrin-functionalized Liposomes Accumulate on the Surface of U87MG Tumors. Representative 3D reformatted videos of intravital multiphoton images of U87MG tumors showing accumulation of Tf-NPs (cyan) on the surface of the tumors (green).

### **File Name: Supplementary Movie 3**

**Description:** Transferrin-functionalized Liposomes Accumulate on the Surface of GL261 Tumors. Representative 3D reformatted videos of intravital multiphoton images of GL261 tumors showing accumulation of Tf-NPs (cyan) on the surface of the tumors (green).