

Materials List for:

Longitudinal *In Vivo* Imaging of the Cerebrovasculature: Relevance to CNS Diseases

Margarita Arango-Lievano^{1,2,3}, Patrizia Giannoni^{1,2,3}, Sylvie Claeysen^{1,2,3}, Nicola Marchi^{1,2,3}, Freddy Jeanneteau^{1,2,3}

¹Inserm, U1191, Institute of Functional Genomics

²CNRS, UMR-5203

³Université de Montpellier

Correspondence to: Margarita Arango-Lievano at Margarita.arango@igf.cnrs.fr, Nicola Marchi at Nicola.Marchi@igf.cnrs.fr, Freddy Jeanneteau at Freddy.Jeanneteau@igf.cnrs.fr

URL: <https://www.jove.com/video/54796>

DOI: [doi:10.3791/54796](https://doi.org/10.3791/54796)

Materials

Name	Company	Catalog Number	Comments
methoxy-X04	tocris	4920	use 10 mg/kg
FITC-Dextran 70 Kda	sigma	46945	use 100 mg/kg
gelfoam/Bloxang	Bausch and Lomb		
micorsurgical blade	surgistar	6900	must be sharp and not dented
povidone-iodine	betadine		antiseptic solution
binocular stereomicroscope	olympus	SX10	optimal image contrast is crucial for this procedure
2-photon microscope	zeiss		Zeiss LSM 710mp
fine scissors-toughcut	Fine science tools	14058-09	this scissors are optimized for cutting skin and soft tissue