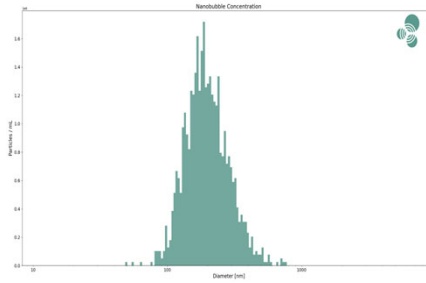


Nanobubbles



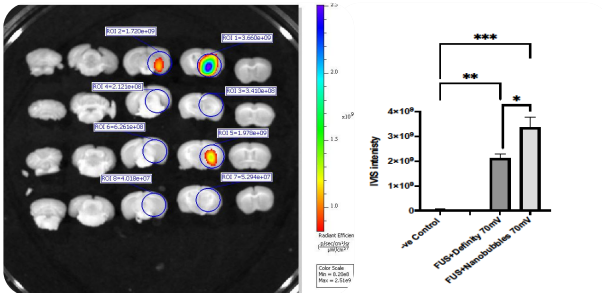
Contrast agent facilitate BBB opening & Enhance Ultrasound Imaging



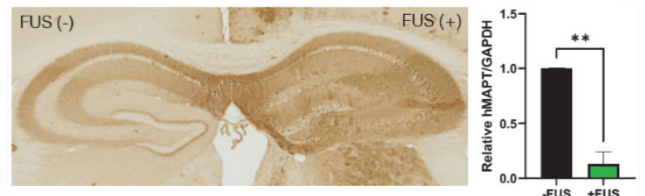
Result (sizes in nm)			
	Number	Concentration	Volume
Median (X50)	191.0	191.0	343.0
Span	95.7	95.7	283.3

Concentration: 3.5E+7 Particles / mL
 Dilution Factor: 40000
 Concentration Correction Factor: 1.00000
 Original Concentration: 1.4E+12 Particles / mL

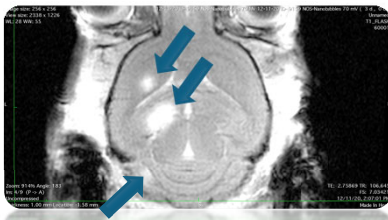
Nanobubbles from FUS Instruments are a unique contrast agent for preclinical studies. The composition of these nanobubbles is similar in nature to clinical microbubbles. Not only unique ingredients in the shell reduce the mean diameter of these agents to 170-200 nm but also increases their stability after activation. These are an excellent bubble agent for therapeutic and imaging studies.



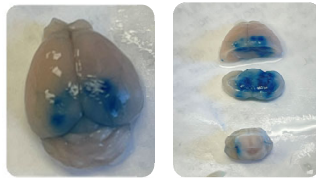
LNP Delivery



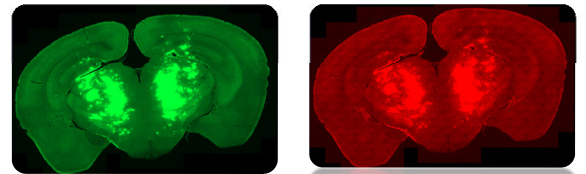
Viral Delivery



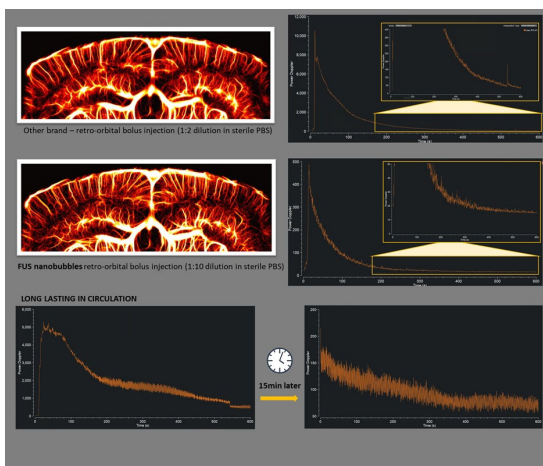
Gd Delivery



Evan's Blue Delivery



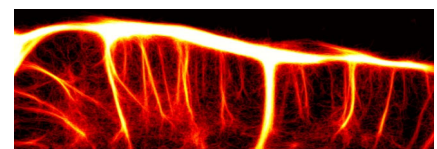
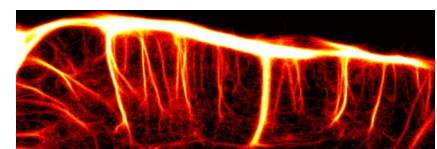
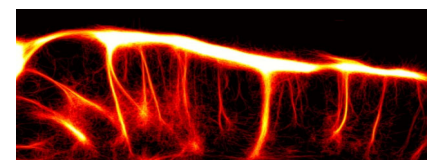
Dextran Delivery



Other brand (1:2 dilution) 10 mins

Nanobubbles (1:10 dilution) 10 mins

Nanobubbles (1:10 dilution) 20 mins



Courtesy of Sharon Negri & Stefano Tarantini, Oklahoma College of Allied Health, OUHSC