

31 May 2011

To the Editor in Chief, Journal of Visualized Experiments:

A protocol titled “MRI-Guided Disruption of the Blood-Brain Barrier using Transcranial Focused Ultrasound in a Rat Model” is being submitted in consideration for publication in the Journal of Visualized Experiments. The corresponding author is Meaghan O’Reilly and the other authors are Adam Waspe, Rajiv Chopra and Kullervo Hynynen. The manuscript describes an experimental protocol for performing targeted disruption of the blood-brain barrier in small animal models using circulating microbubbles and focused ultrasound under MRI guidance. We believe the protocol will be of high interest to researchers in the fields of therapeutic ultrasound, interventional MRI and neuroscience, among others.

Thank you for taking the time to review this manuscript. We look forward to your comments.

Sincerely,

Meaghan O’Reilly