Changes in brain microstructure after focused ultrasound ablation

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Dr. Krishna’s research focuses on the translational applications of neuroimaging relevant to neuromodulation and functional neurosurgery. He investigates both the imaging-based therapies (specifically focused ultrasound and image-guided deep brain stimulation) and discovers neuroimaging correlates of efficacious neurostimulation. This translational work has direct implications for precise localization of therapeutic targets for neurostimulation, guide stimulation titration and potentially improve patient selection. It has tremendous potential for broadening the application of neurostimulation to indications where the clinical effects are not immediate; most notably dystonia, epilepsy and disorders of behavior and cognition.

April 12, 2019 | 9:00AM | 105 Biomedical Research Tower | Coffee/Bagels!