

AFSUMB 2024

The 16th Congress of the Asian Federation of
Societies for Ultrasound in Medicine and Biology
in conjunction with KSUM 2024

Shaping the Future with Ultrasound

May 9 (Thu) – 11 (Sat), 2024 | Coex, Seoul, Korea



Speaker: Hong Chen, United States (U.S.A)

Affiliation: Washington University in St. Louis, Biomedical Engineering

Lecture Title: First-in-Human Prospective Trial of Sonobiopsy in High-Grade Glioma Patients Using Neuronavigation-guided Focused Ultrasound

Sonobiopsy is an emerging technology that combines focused ultrasound with microbubbles to enrich circulating brain disease-specific biomarkers for noninvasive molecular diagnosis of brain diseases. This course will present the first-in-human prospective trial of sonobiopsy in high-grade glioma patients to evaluate its feasibility and safety in enriching plasma circulating tumor biomarkers.