

Tissue simulation

- [Oscillating gradient spin echo diffusion time effects implicate variations in neurite beading for the heterogeneous reduced diffusion in human acute ischemic stroke lesions](#)
- [A novel lagPLS baseline correction method for glioma identification using Raman spectroscopy](#)
- [Telomere length as a predictive marker for long-term cognitive function in a mouse model of subarachnoid hemorrhage](#)
- [Glioblastoma induces CAF-like astrocyte activation via the AKT/mTOR-SERPINH1/COL5A1 axis](#)
- [MiR221/222 in the conditioned medium of adipose-derived stem cells attenuates particulate matter and high-fat diet-induced cardiac apoptosis](#)
- [Optimization and evaluation of an experimental subarachnoid hemorrhage model in mice](#)
- [Probabilistic mapping of gait changes after STN-DBS for Parkinson's disease](#)
- [Seeing Is Believing: Real-Life 360-Degree Virtual Reality as a Catalyst for Neurosurgical Interest](#)

Advancements in materials science could lead to even more realistic [tissue simulations](#), including [bleeding](#) or pulsating [vessels](#).

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