

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

TumorSim

RRID:SCR_002604

Type: Tool

Proper Citation

TumorSim (RRID:SCR_002604)

Resource Information

URL: <http://www.nitrc.org/projects/tumorsim/>

Proper Citation: TumorSim (RRID:SCR_002604)

Description: Simulation software that generates pathological ground truth from a healthy ground truth. The software requires an input directory that describes a healthy anatomy (anatomical probabilities, mesh, diffusion tensor image, etc) and then outputs simulation images.

Resource Type: simulation software, software application, software resource

Defining Citation: [PMID:19119055](#)

Keywords: clinical neuroinformatics, magnetic resonance, mri, brain, segmentation, simulation, tumor, ground truth

Related Condition: Cancer

Funding: NIBIB R01 EB000219

Availability: Free, Available for download, Freely available

Resource Name: TumorSim

Resource ID: SCR_002604

Alternate IDs: nlx_156007

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260905T132955+0000

Ratings and Alerts

No rating or validation information has been found for TumorSim.

No alerts have been found for TumorSim.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Bousselham A, et al. (2019) Towards Reinforced Brain Tumor Segmentation on MRI Images Based on Temperature Changes on Pathologic Area. International journal of biomedical imaging, 2019, 1758948.