# **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 19, 2025

# **ParaVision**

RRID:SCR\_001964 Type: Tool

#### **Proper Citation**

ParaVision (RRID:SCR\_001964)

## **Resource Information**

URL: http://www.bruker.com/service/support-upgrades/software-downloads/mri.html

Proper Citation: ParaVision (RRID:SCR\_001964)

**Description:** Image acquisition software used to acquire images during magnetic resonance imaging.

Synonyms: ParaVision 6, ParaVision 4, Paravision, Bruker Paravision 4.0 software

**Resource Type:** software application, data visualization software, data acquisition software, data processing software, image acquisition software, software resource

Keywords: mri, 3d visualization, 3d analysis, parallel imaging, reconstruction

Funding:

Availability: Commercially available

Resource Name: ParaVision

Resource ID: SCR\_001964

Alternate IDs: SciRes\_000158

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250517T055514+0000

**Ratings and Alerts** 

No rating or validation information has been found for ParaVision.

No alerts have been found for ParaVision.

## Data and Source Information

Source: SciCrunch Registry

#### **Usage and Citation Metrics**

We found 884 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Lam WW, et al. (2025) Saturation transfer (CEST and MT) MRI for characterization of U-87 MG glioma in the rat. NMR in biomedicine, 38(1), e5282.

Hong Y, et al. (2025) Neuroprotective Efficacy of Astragalus mongholicus in Ischemic Stroke: Antioxidant and Anti-Inflammatory Mechanisms. Cells, 14(2).

Bagher-Ebadian H, et al. (2025) Probabilistic nested model selection in pharmacokinetic analysis of DCE-MRI data in animal model of cerebral tumor. Scientific reports, 15(1), 1786.

Abaei A, et al. (2025) Sub-Microliter 1H Magnetic Resonance Spectroscopy for In Vivo High-Spatial Resolution Metabolite Quantification in the Mouse Brain. Journal of neurochemistry, 169(1), e16303.

Haider A, et al. (2025) Age- and sex-specific differences in myocardial sympathetic tone and left ventricular remodeling following myocardial injury. Biology of sex differences, 16(1), 2.

Alves M, et al. (2025) P2X7R antagonism suppresses long-lasting brain hyperexcitability following traumatic brain injury in mice. Theranostics, 15(4), 1399.

Huang H, et al. (2025) Cancer-targeted pro-theranostic bi-metallic organo-coordination nanoparticles. Theranostics, 15(4), 1205.

Ehret V, et al. (2025) Evaluation of Hepatic Glucose and Palmitic Acid Metabolism in Rodents on High-Fat Diet Using Deuterium Metabolic Imaging. Journal of magnetic resonance imaging : JMRI, 61(2), 958.

Hike D, et al. (2025) High-resolution awake mouse fMRI at 14 tesla. eLife, 13.

Matuskova H, et al. (2024) Spatiotemporal sphingosine-1-phosphate receptor 3 expression within the cerebral vasculature after ischemic stroke. iScience, 27(6), 110031.

Lee M, et al. (2024) Early developmental changes in a rat model of malformations of cortical development: Abnormal neuronal migration and altered response to NMDA-induced

excitotoxic injury. Experimental neurology, 376, 114759.

Knowles LM, et al. (2024) Clotting Promotes Glioma Growth and Infiltration Through Activation of Focal Adhesion Kinase. Cancer research communications, 4(12), 3124.

Li H, et al. (2024) Silencing dentate newborn neurons alters excitatory/inhibitory balance and impairs behavioral inhibition and flexibility. Science advances, 10(2), eadk4741.

Chen J, et al. (2024) Integrated micro/nano drug delivery system based on magnetically responsive phase-change droplets for ultrasound theranostics. Frontiers in bioengineering and biotechnology, 12, 1323056.

Muta K, et al. (2024) Commonality and variance of resting-state networks in common marmoset brains. Scientific reports, 14(1), 8316.

Wardman JH, et al. (2024) CSF hyperdynamics in rats mimicking the obesity and androgen excess characteristic of patients with idiopathic intracranial hypertension. Fluids and barriers of the CNS, 21(1), 10.

Fang J, et al. (2024) A hypoxia-derived gene signature to suggest cisplatin-based therapeutic responses in patients with cervical cancer. Computational and structural biotechnology journal, 23, 2565.

Jimenez-Blasco D, et al. (2024) Weak neuronal glycolysis sustains cognition and organismal fitness. Nature metabolism, 6(7), 1253.

Chen S, et al. (2024) Common functional mechanisms underlying dynamic brain network changes across five general anesthetics: A rat fMRI study. CNS neuroscience & therapeutics, 30(7), e14866.

Conq J, et al. (2024) Changes in perfusion and permeability in glioblastoma model induced by the anti-angiogenic agents cediranib and thalidomide. Acta oncologica (Stockholm, Sweden), 63, 689.