

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

Bruker: 9.4T Biospec Biospec Magnetic Resonance Imaging

RRID:SCR_018054

Type: Tool

Proper Citation

Bruker: 9.4T Biospec Biospec Magnetic Resonance Imaging (RRID:SCR_018054)

Resource Information

URL: https://www.bruker.com/products/mr/preclinical-mri/biospec.html?gclid=Cj0KCQiAvc_xBRCYARIsAC5QT9mQjEoOnI-YkFlmnq0x7IrudRYApv_C5TT4HnRYr3oVpKrg-SHMshUaArmMEALw_wcB

Proper Citation: Bruker: 9.4T Biospec Biospec Magnetic Resonance Imaging (RRID:SCR_018054)

Description: MRI system that performs preclinical and molecular MR imaging. MRI CryoProbe technology combined with ultra high field USR magnets deliver high spatial resolution in-vivo. Any small animal MR imaging application in life science, biomedical and preclinical research can be conducted.

Synonyms: 9.4T Bruker Biospec MRI

Resource Type: instrument resource

Keywords: ABRF, Magnetic Resonance Imaging, small animal imaging, BioSpec, Bruker, preclinical veterinary imaging, molecular MRI, instrument, equipment

Resource Name: Bruker: 9.4T Biospec Biospec Magnetic Resonance Imaging

Resource ID: SCR_018054

Alternate IDs: Model_Number_Biospec

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260808T190058+0000

Ratings and Alerts

No rating or validation information has been found for Bruker: 9.4T Biospec Biospec Magnetic Resonance Imaging.

No alerts have been found for Bruker: 9.4T Biospec Biospec Magnetic Resonance Imaging.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Low JCM, et al. (2024) Deuterium Metabolic Imaging Differentiates Glioblastoma Metabolic Subtypes and Detects Early Response to Chemoradiotherapy. Cancer research, 84(12), 1996.

Gellert J, et al. (2024) Tumoral Interferon Beta Induces an Immune-Stimulatory Phenotype in Tumor-Associated Macrophages in Melanoma Brain Metastases. Cancer research communications, 4(8), 2189.

Zarate N, et al. (2023) Neurochemical correlates of synapse density in a Huntington's disease mouse model. Journal of neurochemistry, 164(2), 226.

Vasciaveo A, et al. (2023) OncoLoop: A Network-Based Precision Cancer Medicine Framework. Cancer discovery, 13(2), 386.

Thomas AM, et al. (2020) Evaluation of cell transplant-mediated attenuation of diffuse injury in experimental autoimmune encephalomyelitis using onVDMP CEST MRI. Experimental neurology, 329, 113316.

Maus B, et al. (2020) Non-invasive MRI Studies of Ventilatory and Cardiovascular Performance in Edible Crabs Cancer pagurus During Warming Under Elevated CO2 Levels. Frontiers in physiology, 11, 596529.