



Washington University School of Medicine Small-Animal Cancer Imaging (SACI) Magnetic Resonance Imaging Services

MRI Scanning-Related Equipment

- 11.7 T Agilent/Varian Preclinical MR scanner.
- Two 4.7 T Agilent/Varian Preclinical MR scanners.
- Maran 1 T MR relaxometer.
- MR-compatible (in-magnet) monitoring equipment to follow and assess animal physiology.

Facility User-Support Resources

- Long-term animal housing.
- Animal-procedure suite.
- Electronics workshop.
- Wet-chemistry laboratory.
- High-end computational servers.

Services

- Consult with SCC scientists on the use of *in vivo* and *ex vivo* MR imaging and spectroscopy to address important problems in cancer biology.
- Maintain MR scanners and relaxometer for open-access usage.
- Collect and process *in vivo* and *ex vivo* MR imaging and spectroscopy data.
- Assist with MR data analysis.
- Assist in the preparation of grant applications and manuscripts.

Contacts

- Dr. Joseph JH Ackerman (Resource Director); ackerman@wustl.edu
- Dr. Joel R Garbow (Resource Co-Director); garbow@wustl.edu
- Dr. James D Quirk (Technical Manager); jdquirk@wustl.edu