

ABOUT

The University of Georgia Bioimaging Research Center (BIRC) provides a full range of biological tissue imaging technologies to biomedical investigators in programs across the University of Georgia campus, their students and other researchers. The state-of-the-art facility serves as a resource across disciplines and fosters collaborative, extramurally funded research among human, animal and cellular scientists at UGA and scientists in other federal, state and private agencies or businesses.

TECHNOLOGIES

- 3T Large Bore MRI for humans and large animals
- 7T Small bore MRI for rats and mice
- 256 channel EEG for humans
- 144 channel MEG with 32 channel EEG for humans
- MRI Simulator for humans
- Maestro CRI fluorescence imager for multispectral analysis for mice and rats
- Lunar GE PIXImus System for invivo bone and tissue density imaging for mice
- Software: BESA, CURRY, SPM, FSL, AFNI, MATLAB, E-Prime, Presentation & Brain Wave

LABS

- Clinical and Cognitive Neuroscience Lab
- Clinical Neuroscience Lab
- Cortical Architecture Imaging and Discovery
- Exercise Muscle Physiology Lab
- Experimental and Clinical Psychopharmacology Lab
- Gene-Brain-Social Behavior Lab
- Georgia Emotion NeuroImaging Lab
- MR Physics Lab
- Neuropsychology and Memory Assessment Lab
- Small Animal MRI Instrument Lab

MRI SAFETY TRAINING

MRI safety training is available free of charge to any BIRC investigator or group, however, UGA students, faculty and staff have priority. Schedule and registration are available online at birc.uga.edu/mri-safety-training.

CONTACT

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