

Resource Summary Report

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Center for Functional Neuroimaging Technologies

RRID:SCR_001423

Type: Tool

Proper Citation

Center for Functional Neuroimaging Technologies (RRID:SCR_001423)

Resource Information

URL: <http://www.nmr.mgh.harvard.edu/CFNT/index>

Proper Citation: Center for Functional Neuroimaging Technologies (RRID:SCR_001423)

Description: Biomedical technology research center that develops and applies innovative neuroimaging technologies and techniques to enable closer examination of the human brain, and thereby contribute to better understanding of the brain in health and disease. They develop new techniques and advance existing technologies for acquisition and analysis of functionally specific images of the working brain, with unprecedented physiological precision and spatiotemporal resolution. The research and development aims to improve and extend existing methods for non-invasive magnetic resonance image analysis and acquisition, electromagnetic source imaging, optical neuroimaging, and most recently, combined MR-PET neuroimaging. The Resource provides an essential interactive environment, within which an interdisciplinary team of highly skilled scientists, engineers, and clinicians with diverse expertise in multiple modalities and disciplines. The resource supports service use of the Center's facilities by neuroscientists throughout the country, provide extensive training opportunities for students, fellows, and staff scientists, and seek to advance the field of brain mapping through active dissemination of new knowledge and technology.

Abbreviations: CFNT

Resource Type: biomedical technology research center, access service resource, training resource, service resource

Keywords: mri, neuroimaging, pet, acquisition, analysis, brain, electromagnetic source imaging, optical neuroimaging, multimodal, magnetic resonance, eeg, meg, electrocorticography, information resource, optical imaging

Funding: NIBIB 5P41EB015896-18

Availability: Available for download

Resource Name: Center for Functional Neuroimaging Technologies

Resource ID: SCR_001423

Alternate IDs: nlx_152644

Alternate URLs: <http://www.nitrc.org/projects/cfnt>

License: MGH CSRL License

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Record Last Update: 20250428T052854+0000

Ratings and Alerts

No rating or validation information has been found for Center for Functional Neuroimaging Technologies.

No alerts have been found for Center for Functional Neuroimaging Technologies.

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 [ASWG](#).

Geoffrion M, et al. (2014) Differential effects of glyoxalase 1 overexpression on diabetic atherosclerosis and renal dysfunction in streptozotocin-treated, apolipoprotein E-deficient mice. *Physiological reports*, 2(6).