

Resource Summary Report

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Hyperpolarized MRI Technology Resource Center

RRID:SCR_001405

Type: Tool

Proper Citation

Hyperpolarized MRI Technology Resource Center (RRID:SCR_001405)

Resource Information

URL: <http://www.radiology.ucsf.edu/research/labs/hyperpolarized-mri-tech>

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Description: Biomedical technology research center developing, investigating, and disseminating new hyperpolarized MR techniques, new ¹³C agents and specialized analysis open-source software for data reconstruction and interpretation. The Technology Research & Development projects will leverage the extensive DNP facilities and experience of the project leaders to develop improved, robust hyperpolarized MRI methods. These technology developments will be driven by Collaborative Projects led by outstanding clinical and basic scientists who aim to use hyperpolarized ¹³C MRI to accomplish the scientific goals of their funded research. These technical developments will also be disseminated to the Service Project investigators for extramural feedback and then widely to the scientific community via a dedicated website and onsite training. This center will provide state-of-the-art training in this new metabolic imaging field and sponsor a yearly symposium focused on hyperpolarized MR technology development.

Abbreviations: Hyperpolarized MRI Technology Resource Center

Synonyms: UCSF Hyperpolarized MRI Technology Resource Center

Resource Type: training resource, biomedical technology research center

Keywords: mri, hyperpolarized, dynamic nuclear polarization, imaging, carbon-13

Funding: NIBIB P41EB013598

Availability: Free, Freely Available

Resource Name: Hyperpolarized MRI Technology Resource Center

Resource ID: SCR_001405

Alternate IDs: nlx_152628

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260804T043118+0000

Ratings and Alerts

No rating or validation information has been found for Hyperpolarized MRI Technology Resource Center.

No alerts have been found for Hyperpolarized MRI Technology Resource Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.