

Resource Summary Report

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Center for EPR Imaging in Vivo Physiology

RRID:SCR_001410

Type: Tool

Proper Citation

Center for EPR Imaging in Vivo Physiology (RRID:SCR_001410)

Resource Information

URL: <http://rover.bsd.uchicago.edu/lfepr/>

Proper Citation: Center for EPR Imaging in Vivo Physiology (RRID:SCR_001410)

Description: Biomedical technology research center that develops instrumentation, analysis techniques, spin probes and spin traps, and methodologies for imaging physiologically relevant aspects of tissue fluids, including high-resolution oxygen maps, with very low frequency electron paramagnetic resonance imaging (EPRI). Novel bridges and high-access, low-field magnet/gradient systems have produced physiologically relevant measurements and accommodate a number of resonant structures. The Center is a consortium between the University of Chicago, the University of Denver, the University of Maryland and Novosibirsk Institute of Organic Chemistry (NIOC), Russia.

Abbreviations: Center for EPR Imaging in Vivo Physiology

Synonyms: Center for Electron Paramagnetic Resonance (EPR) Imaging in Vivo Physiology, Center for Electron Paramagnetic Resonance Imaging in Vivo Physiology, Very Low Frequency ERP Imaging In Vivo Physiology

Resource Type: training resource, biomedical technology research center

Keywords: electron paramagnetic resonance, in vivo, spin probe

Related Condition: Diseased, Healthy

Funding: NIBIB 4P41EB002034-17

Resource Name: Center for EPR Imaging in Vivo Physiology

Resource ID: SCR_001410

Alternate IDs: nlx_152632

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260804T043119+0000

Ratings and Alerts

No rating or validation information has been found for Center for EPR Imaging in Vivo Physiology.

No alerts have been found for Center for EPR Imaging in Vivo Physiology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.