

# 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:** biomedical technology research center, training resource

**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:** 20260727T040303+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.