

# Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

## Radiotracer Chemistry Instrumentation and Biological Imaging

RRID:SCR\_003258

Type: Tool

### Proper Citation

Radiotracer Chemistry Instrumentation and Biological Imaging (RRID:SCR\_003258)

### Resource Information

**URL:** <http://www.bnl.gov/medical/RCIBI/>

**Proper Citation:** Radiotracer Chemistry Instrumentation and Biological Imaging (RRID:SCR\_003258)

**Description:** Develop new scientific tools to image the movement of molecules in energy-relevant and environmentally-sensitive contexts in response to BER's call to explore the potential of radiotracer imaging in energy and environmentally-responsive contexts. Their goal is to visualize metabolic networks and regulatory systems underlying cellular communication in the living organism including plants and microbial communities. This has broad implications to DOE missions in energy and the environment and is very relevant to improvements in plant biomass for biofuel.

**Abbreviations:** RCIBI

**Synonyms:** Radiotracer Chemistry and Instrumentation for Biological Imaging

**Resource Type:** instrument supplier, material resource

**Keywords:** neuroimaging, imaging instrumentation, radiotracer chemistry, plant science

**Funding:** DOE ;  
Office of Science

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** Radiotracer Chemistry Instrumentation and Biological Imaging

**Resource ID:** SCR\_003258

**Alternate IDs:** nif-0000-31420

**Old URLs:** <http://www.bnl.gov/ctn/mouse>

**Record Creation Time:** 20220129T080218+0000

**Record Last Update:** 20260829T183149+0000

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## Ratings and Alerts

No rating or validation information has been found for Radiotracer Chemistry Instrumentation and Biological Imaging.

No alerts have been found for Radiotracer Chemistry Instrumentation and Biological Imaging.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Mattoli F, et al. (2011) Development of a New Tool for 3D Modeling for Regenerative Medicine. International journal of biomedical imaging, 2011, 236854.

Ma Y, et al. (2008) In Vivo 3D Digital Atlas Database of the Adult C57BL/6J Mouse Brain by Magnetic Resonance Microscopy. Frontiers in neuroanatomy, 2, 1.