

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 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/>

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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: 20260725T191322+0000

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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

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.