

Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility

RRID:SCR_022423

Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility (RRID:SCR_022423)

Resource Information

URL: <https://www.pennmedicine.org/departments-and-centers/department-of-radiology/radiology-research/labs-and-centers/quantitative/physics-and-instrumentation-group>

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Description: Core focuses on imaging in nuclear medicine, and engages in collaboration with clinicians and research investigators to optimize new instruments for applications in both clinical and pre clinical (animal) imaging scenarios. Offers equipment to build, test and characterize detectors for PET imaging, operates cluster of high powered Linux computers, which reconstruct, process, and analyze imaging data. Focuses on technology, which increases signal to noise of reconstructed images for whole body studies. Conducts research on SPECT imaging with emphasis on applications to small animal and brain imaging, oversees operation of cyclotron and imaging probe synthesis facilities.

Synonyms: University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics & Instrumentation Group, Nuclear Medicine Physics & Instrumentation Group

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, ABRF, imaging in nuclear medicine, PET imaging

Resource Name: University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility

Resource ID: SCR_022423

Alternate IDs: ARBF_1429

Alternate URLs: <https://coremarketplace.org?citation=1&FacilityID=1429>

Record Creation Time: 20220602T050140+0000

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Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.