## **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:** <u>https://www.pennmedicine.org/departments-and-centers/department-of-</u> 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

Funding:

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

Record Last Update: 20250508T070022+0000

### **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: <u>SciCrunch Registry</u>

**Usage and Citation Metrics** 

We have not found any literature mentions for this resource.