

RRIDs for Core Facilities & Instruments

Anita Bandrowski

Edyta Vieth

[RRIDs.org](https://rrids.org)

Core Facilities Overview

Total # of Cores in RRID portal
3198

Total Cores Cited
770

| 3,197 Results - 20 per page Show More Columns | | | | |
|---|--|--|--|--|
| Resource Name | Proper Citation | Abbreviations | Resource Type | Description |
| <input type="checkbox"/> Johns Hopkins Medical Institution Deep Sequencing and Microarray Core Facility Resource Report Resource Website 1+ mentions | Johns Hopkins Medical Institution Deep Sequencing and Microarray Core Facility (RRID:SCR_017172) | JHMI Deep Sequencing and Microarray Core Facility, JHMI Transcriptomics and Deep Sequencing Core | core facility, analysis service resource, software resource, production service resource, data analysis service, service resource, access service resource | Core provides assistance in NextGen sequencing, Third Gen Sequencing, Microarray, Nanostring, DNA, Chromatin and RNA shearing, and Data analysis for Hopkins and regional research community. |
| <input type="checkbox"/> Indiana University School of Medicine Histology Core Facility Resource Report Resource Website 1+ mentions | Indiana University School of Medicine Histology Core Facility (RRID:SCR_011020) | IUSM Histology Core Facility, IUSM Histology Core | service resource, access service resource, core facility | THIS RESOURCE IS NO LONGER IN SERVICE. Documented on July 30,2024. The Histology Core of the Department of Anatomy and Cell Biology at the Indiana University School of Medicine provides histo ... [more] |
| <input type="checkbox"/> QMUL BICM | QMUL BICM Pathology Core | BICM Pathology Core Facility, QMUL | service resource, access service re- | THIS RESOURCE IS NO LONGER IN |

RRID page: consistent metadata, relationships, citations



Resource Name ?

Stanford University Vincent Coates Foundation Mass Spectrometry Laboratory Core Facility

RRID:SCR_017801 

[Login to claim ownership](#)

[PDF REPORT](#) [HOW TO CITE](#)



Resource Information ?

URL: <http://mass-spec.stanford.edu>

Proper Citation: Stanford University Vincent Coates Foundation Mass Spectrometry Laboratory Core Facility (RRID:SCR_017801)

Description: Core mass spec and proteomic services include open access lab for trained users with GC/MS, LC/MS, high resolution LC/MS, and MALDI-TOF instruments, help with intact protein analysis, targeted quantitation, drug discovery support, pathway analysis, protein interactions, FFPE tissue analysis, both labeled and label-free proteomics, and more. Please contact SUMS to discuss these and other custom projects including new application development.

Synonyms: Vincent Coates Foundation Mass Spectrometry Laboratory

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

Keywords: Mass, spectrometry, proteomics, training, analysis, targeted, quantitation, drug, discovery, pathway, protein, interaction, service, USEDit, ABRF

[Expand All](#)

Structured, Curated Metadata

This resource

| | |
|---------------|---|
| lists | Agilent 6495 Triple Quadrupole LC/MS |
| lists | Waters Select Series MRT |
| lists | Waters Select Series Cyclic IMS |
| lists | Stanford Bruker timsTOF Ultra nanoLC/MS |
| is listed by | ABRF CoreMarketplace |
| is related to | Xevo TQ-XS mass spectrometer |
| is related to | Bruker M |

Structured relationships
e.g., RORs!



Usage and Citation Metrics ?

We found 147 mentions in open access

[View full usage report](#)

Most recent articles:

Citations of the RRID



Collaborator Network ?

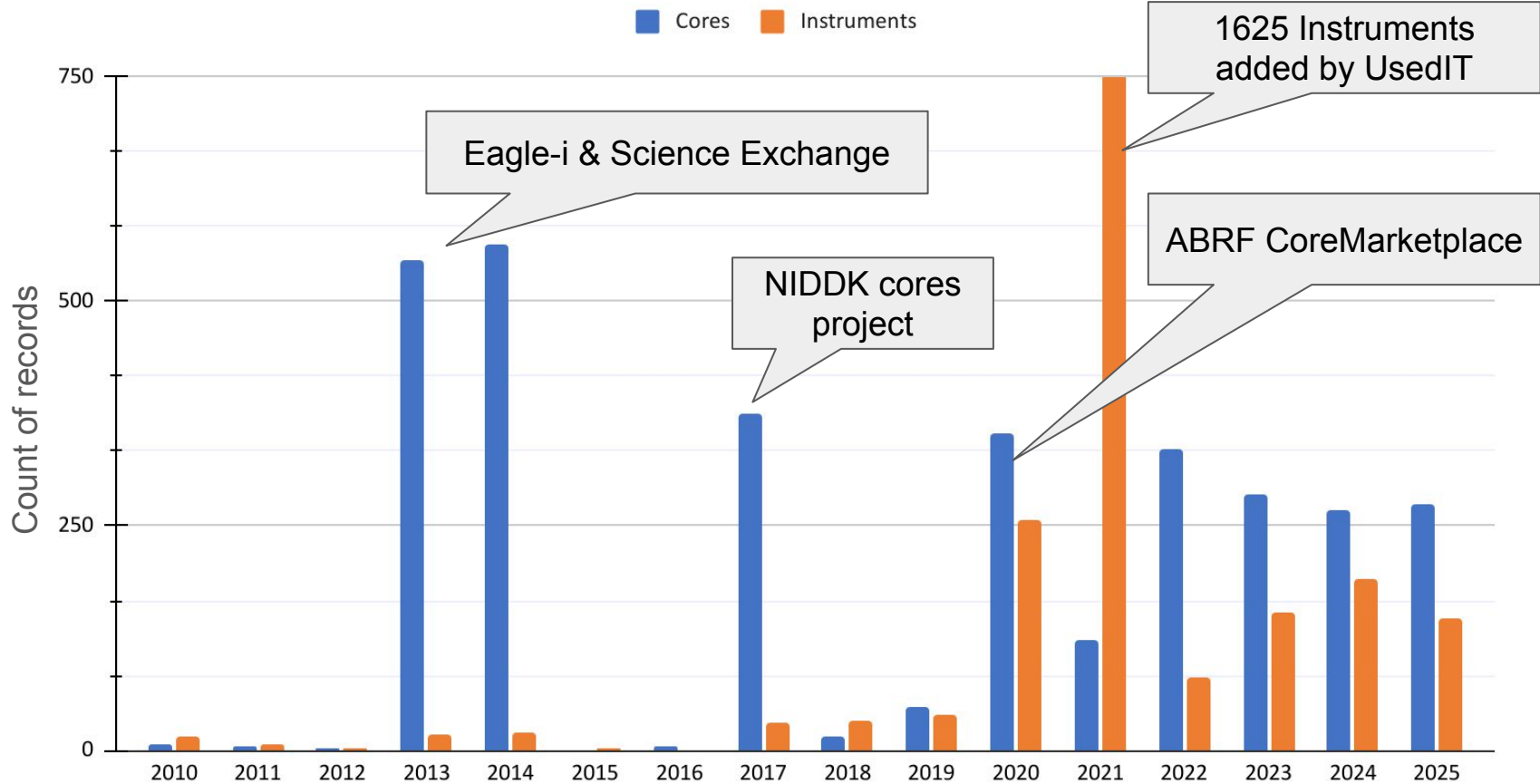
A list of researchers who have used the resource and an author search tool

Find mentions based on location

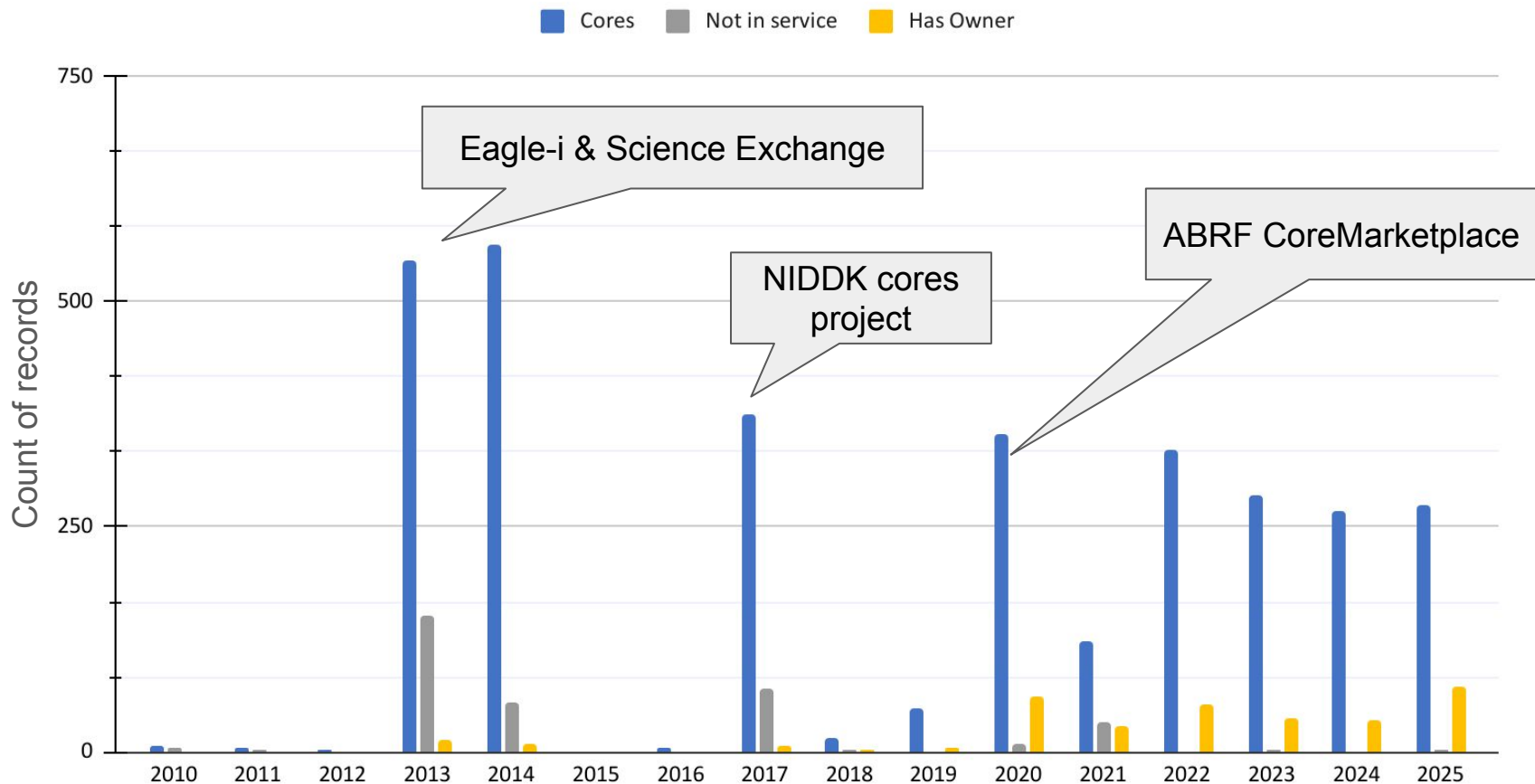


[? Contact help](#)

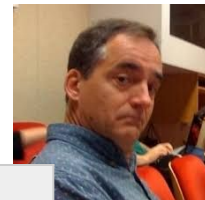
The number of Core Facilities and Instruments submitted to the registry per year



The status of Core Facilities submitted to the registry per year



RRID page: metadata completeness



| Core Facilities | N= 3198 |
|------------------------|---------|
| %Name | 100 |
| %Description | 100 |
| %URL | 100 |
| %Availability | 47.31 |
| %Keywords | 82.83 |
| %AltURL | 54.06 |
| %AltID | 84.02 |
| %Funding | 18.17 |
| %Cited | 24.08 |
| %Associated (e.g. ROR) | 94.72 |
| %Owners | 10.19 |

| Instruments | N= 2618 |
|------------------------|---------|
| %Name | 100 |
| %Description | 100 |
| %URL | 100 |
| %Availability | 81.32 |
| %Keywords | 98.82 |
| %AltURL | 18.37 |
| %AltID | 73.68 |
| %Funding | 1.11 |
| %Cited | 32.08 |
| %Associated (e.g. ROR) | 25.36 |
| %Owners | 1.72 |

| What do we do with this? |
|--|
| %Name: text mining PMC |
| %Description |
| %URL: NER PMC |
| %Availability |
| %Keywords |
| %AltURL: NER PMC |
| %AltID: NER PMC |
| %Funding: NER PubMed |
| %Cited: Report |
| %Associated: Report |
| %Owners: Report to |

46.4%
ORCID

%Cited



liquid chromatography mass spe... microbiology system

gel imager tem imaging and spectroscopy multi-mode microplate reader electron microscope

per system automated cell counter inverted microscope experiment control chemiluminescence

homogenizer covaris atomic force microscopy thermo exactive real time per system microarray scanner automated sample management

animal chamber controller molecular devices inc. hematology analyzer scanning electron microscope thermo electron behavior apparatus proteomics

raman microcentrifuge perkin elmer fluorescence transmission electron microsc... abi applied biosystems gc system automated atomic force microscope

andor high-throughput sequencing thermo fisher recirculating chiller biotek hplc system helium leak detector chemistry analyzer

hamamatsu nanoscience olympus oxford jeol fei centrifuge mass spectrometer hardware tem thermal cycler lab automation thermo ltq confocal

liquid handler gc sampler yxlon cell counter biospherix endpendorf rigaku gatan dissociation kit rt pcr gps/sec system controller

neuroscience animal models amplifier confocal microscope nikon automated microscope benchtop thermo q microplate reader heated bath circulator

live cell imaging automated pipetting thermo scientific resource equipment openbehavior bio rad illumina cell sorter sequencer detection

absorbance incubator genetic analyzer thermofisher miltenyi analysis semiconductor metrology rainin

waters electrophysiology hitachi thermo beckman coulter horiba usedit

fluidigm slide wdxrf sem zeiss refrigerated circulator agilent microscope perscanner mass spectrometry histology gc analyzers

whole slide scanner biorad assay ready workstations leica equipment

fluorescent flow cytometry mer imaging system device sequencing machine camera magnetic resonance laser

fluorescent flow cytometry cell analyzer bath recirculator cryostat handheld water quality meters immersion circulator dna sequencing system uv-vis system

equipment sequencing fluorometer efa system chromatography system rat plasma technology wyatt cci thermo trace plate reader mice multiphoton microscope

immunoassay analyzer slide scanner bd biosciences automated liquid handler imager liquid chromatography microtome turbo pump controller

nanodrop data analysis atomic absorption system laboratory products benchtop water quality meters gas analyzer microarray

focused ultrasonicator controlled cortical impact mod... non-destructive testing preperative lc system motic

dissolution apparatus immunohistochemistry confocal laser scanning micros...

Why are cores coming consistently?

About the Core Marketplace

The CoreMarketplace (CM) is a searchable list of active core facilities. A Core, broadly defined, is a facility that performs scientific research. Research cores are often (but not always) part of a higher education institution.

The purpose of the CM is to provide this directory of research facilities to the scientific community by highlighting citable resources within a listing for scientific publication.

RRIDS

The Research Resource Identification (RRID) Initiative seeks to identify all of the different parts to a research facility and label each one with a unique, citable identifier. This RRID, when published, links directly back to the component cited making it easier to identify and replicate research findings.

In the partnership with the RRID Initiative, your facility will receive a unique RRID tag that you can use in your publication citation to require to stay compliant.

What do you need to



own RRID tag that you can use in your facility to get



SEARCH | [ADD/EDIT MY FACILITY](#)

[All Facilities](#) >> [University of Alberta](#) >> [Faculty of Medicine & Dentistry Cell Imaging Core](#)

Faculty of Medicine & Dentistry Cell Imaging Core (Imaging (Cell,

Facility Details

About This Facility

Services and
Equipment

Publications

Awards &
Associations

Metadata

University of Alberta

B-120 Katz Group Centre
Edmonton, AB T6G 2E1
Canada

<https://www.ualberta.ca/medicine/research/corefacilities/cell-imaging-core/index.html>

[CITE THIS FACILITY](#)

Faculty of Medicine & Dentistry Cell Imaging Core, RRID:SCR_019200



Other Facilities At This Institution:

Faculty of Medicine
& Dentistry
Autoclave Repair
Core

Faculty of Medicine
& Dentistry Flow
Cytometry Facility

Faculty of Medicine
& Dentistry
Lipidomics Core

Faculty of Medicine
& Dentistry
Transgenic Core

Faculty of Medicine
& Dentistry
Workshop

Facility LIMS Page

<https://ppms.us/ualberta/login/?pf=3>

Primary Contacts:

[Dr. Hilmar Strickfaden](#)

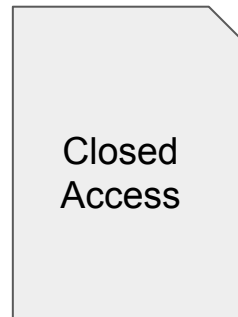
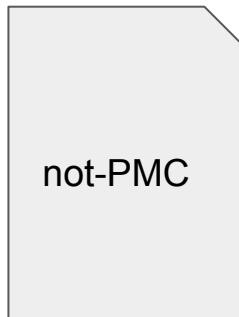
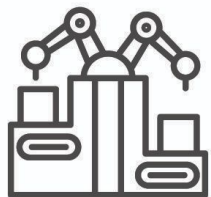
Last Updated: 05/06/2024

Facility RRID

RRID:SCR_019200

Facility Details

Driving use case: Citation



RRID project checks:

- Names (NER)
- URLs (new / old)
- Known identifiers (RRID, DOIs etc)
- Grants **PubMed**

RRID project checks:

- Names
- URLs (new / old)
- Known identifiers (RRID, DOIs etc)
- Paper Identity DOI

RRID project checks:

- Names
- URLs (new / old)
- Known identifiers (RRID, DOIs etc)
- Paper Identity DOI



Resource Summary Report

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Resource Name

University of Pittsburgh Center for Research Computing Core Facility

RRID:SCR_022735 [Login to claim ownership](#)

Resource Information

URL: <http://crc.pitt.edu>

Proper Citation: University of Pittsburgh Center for Research Computing Core Facility (RRID:SCR_022735)

Description: Supports leading edge research with free access to advanced computing hardware and software.

Synonyms: Center for Research Computing

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

Keywords: USEDit, ABRF, advanced computing hardware and software services

[Expand All](#)

This resource

is listed by [ABRF CoreMarketplace](#)

is related to [USEDit](#)

has parent organization [University of Pittsburgh; Penn:](#)



Usage and Citation Metrics

We found 146 mentions in open access literature.

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Most recent articles:

Zou J, et al. (2024) Mutual information for detecting multi-class biomarkers when integrating multiple bulk or single-cell transcriptomic studies. bioRxiv : the preprint server for biology. (PMID:38915481)



Co

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Funding: NIH Office of the Director S10OD028483

Resource Name: University of Pittsburgh Center for Research Computing Core Facility

Resource ID: SCR_022735

Alternate IDs: ABRF_1544

Alternate URLs: <https://coremarketplace.org/?FacilityID=1544&citation=1>

Record Creation Time: 2022-09-12 10:01:50

Record Last Update: 2025-09-18 11:10:58

City

Resource Summary Report

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Resource Name [?](#)

University of Pittsburgh Center for Research Computing Core Facility [↗](#)

RRID:SCR_022735 [📄](#) [Login to claim ownership](#)



Resource Information [?](#)

URL: <http://crc.pitt.edu>

Proper Citation: University of Pittsburgh Center for Research Computing Core Facility (RRID:SCR_022735)

Description: Supports leading edge research with free access to advanced computing hardware and software.

Synonyms: Center for Research Computing

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

Keywords: USEdit, ABRF, advanced computing hardware and software services

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Usage and Citation Metrics [?](#)

We found 146 mentions in open access literature.

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Most recent articles:

Zou J, et al. (2024) Mutual information for detecting multi-class biomarkers when integrating multiple bulk or single-cell transcriptomic studies. bioRxiv : the preprint server for biology. (PMID:38915481)



All Mentions (146 mentions) [\[Download Mentions\]](#) [?](#)

[First](#) [Previous](#) [2](#) [Next](#) [Last](#) Page [1](#) of 2 (1 ~ 100)

Guo ZC, et al. (2024) Reduced neural distinctiveness of speech

-- ; Center for Research Computing, **RRID:SCR_022735** (NS)

Santini T, et al. (2024) Investigating microstructural changes between

resonance in medicine . (PMID:39323069)

-- ; Center for Research Computing (**RRID:SCR_022735**), through the resources provide [\[Verified RRID \]](#)

Bertocci MA, et al. (2024) Neural markers of mania that distinguish

-- ; Center for Research Computing, **RRID:SCR_022735**, through

Miranda O, et al. (2024) DeepBiomarker2: Prediction of Alcohol and Sub

Determinants of Health. Journal of personalized medicine , 14 (1) . (PMID:38248795)

--

DePoy LM, et al. (2024) Adolescent circadian rhythm disruption increases reward and risk-taking. Frontiers in neuroscience , 18 , 1478508. (PM

--

Yates ME, et al. (2024) ESR1 Fusions Invoke Breast Cancer Subtype-Dependent Enrichment of Ligand-Independent Oncogenic Signatures and

-- ; Center for Research Computing, **RRID:SCR_022735**, through the resources provided [\[Verified RRID \]](#)

Patty BJ, et al. (2024) H3.3K122A results in a neomorphic phenotype in mouse embryonic stem cells. Epigenetics & chromatin , 17 (1) , 32. (PM

--

Lee S, et al. (2024) Cancer-cell derived S100A11 promotes macrophage recruitment in ER+ breast cancer. Oncoimmunology , 13 (1) , 2429186.

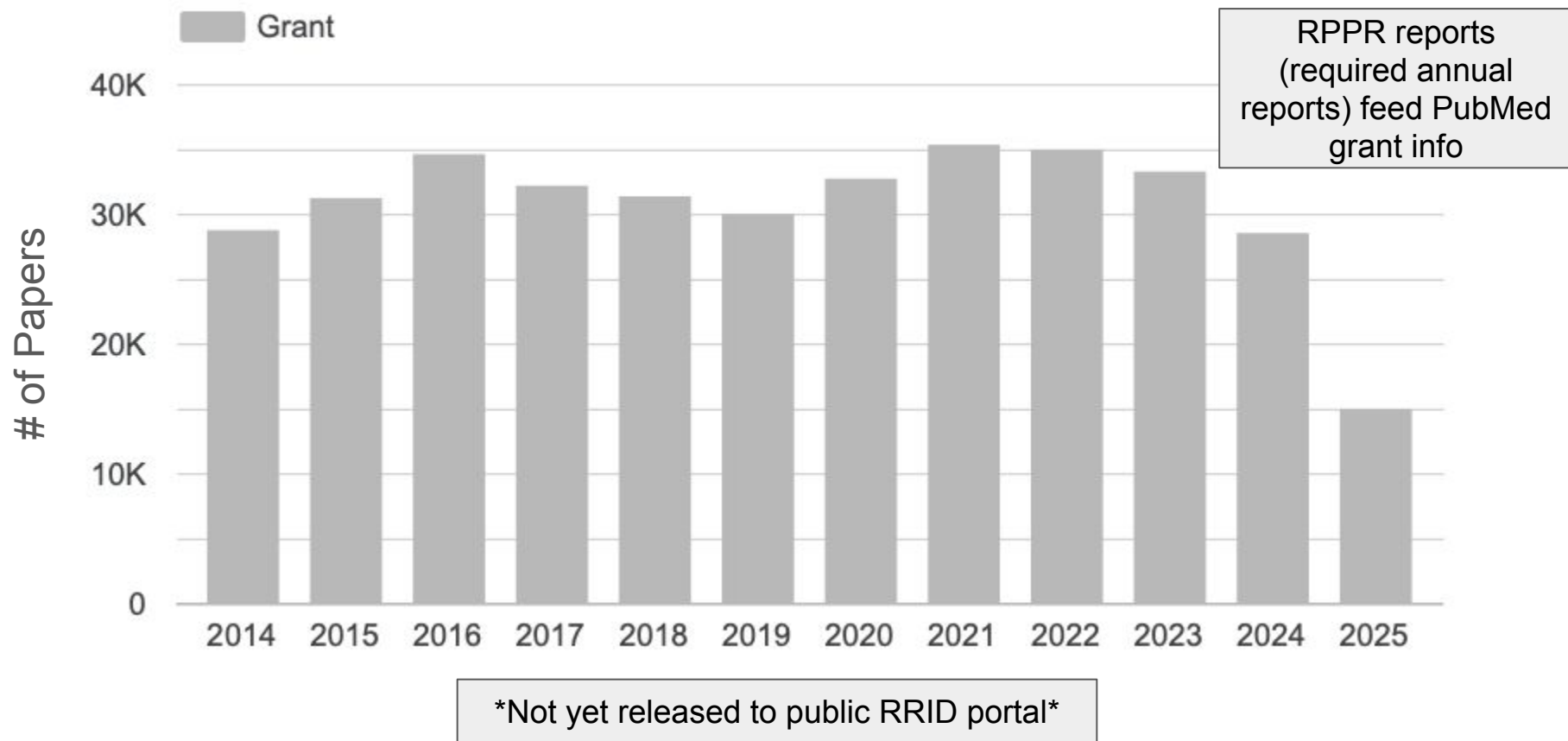
-- ; Center for Research Computing, **RRID:SCR_022735**, through the resources provide [\[Verified RRID \]](#)

Wang LJ, et al. (2024) shinyDeepDR: A user-friendly R Shiny app for predicting anti-cancer drug response using deep learning. Patterns (New Y

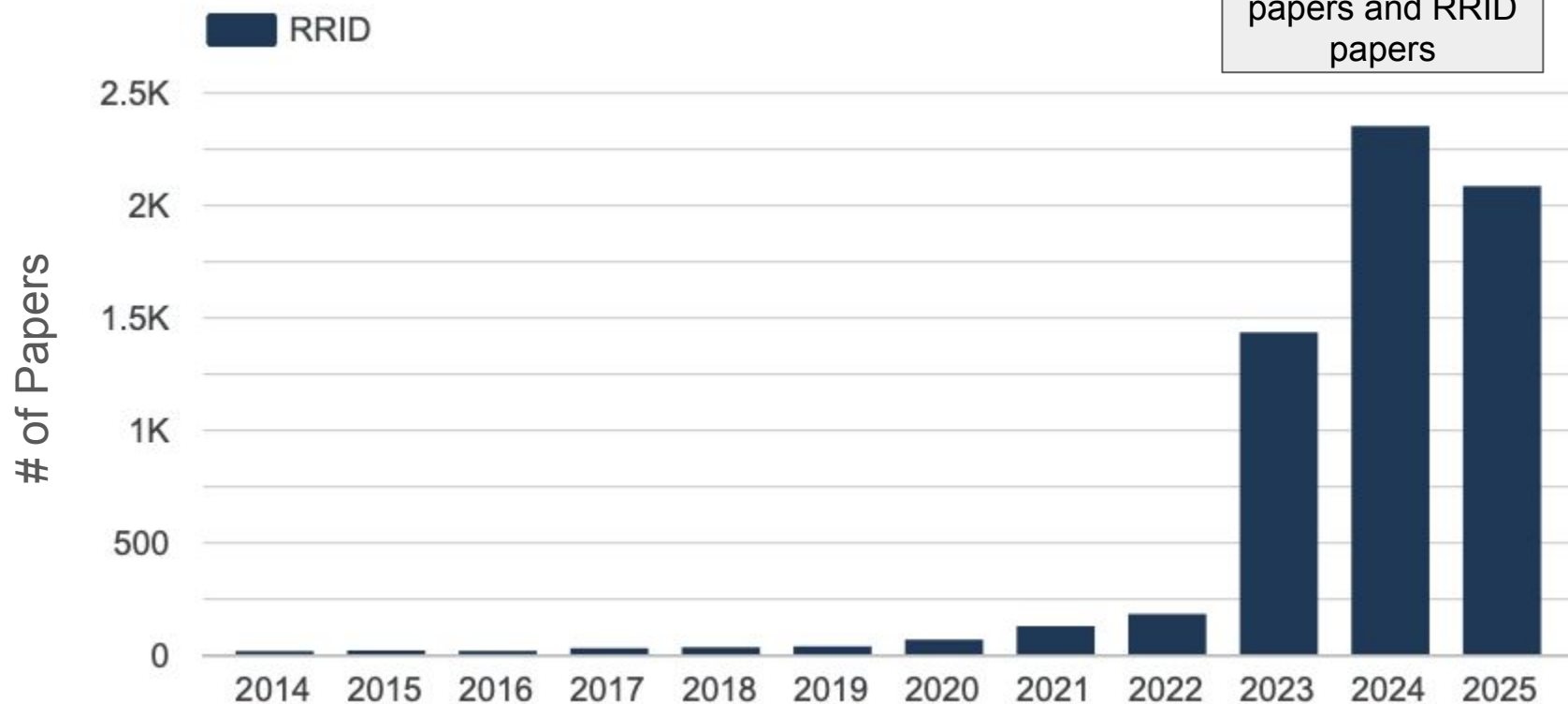
Author used RRID

Author used Grant#

PubMed Grant information from 476 Core Facilities



RRID information from 758 Core Facilities



FAIR Data Informatics -> FDI Lab says: Use RRIDs!



Core Facilities/Instruments Curation Rules

7 - 25 - 2025

SciCrunch guidelines for assigning RRIDs to instruments

- Instrument name
- Vendor/manufacturer URL
- Instrument manual or brochure in PDF format

The general rule is that each instrument must have its own unique URL and a manual or brochure in PDF format in order to receive a separate RRID.

Due to the instability of instrument URLs, we have updated our approach and now require the instrument manual or brochure in PDF format whenever possible.

We convert this URL into a stable version to ensure long-term access.

SciCrunch guidelines for assigning RRIDs to instruments used in core facilities:

A. RRID Guidelines

RRIDs are intended to include the things that the NIH lists as being Key Biological Resources, which can vary from lab to lab and tend to cause the most problems with reproducing experiments. RRIDs can help with experiment reproducibility when they are used in scientific papers for citation reasons.

To obtain an RRID for an instrument, the following information must be provided:

- Instrument name
 - Vendor/manufacturer URL
 - Instrument manual or brochure in PDF format
-
1. When the vendor URL is not available for older equipment, we can use the core facility's URL during registration.
 2. If a brochure or manual cannot be found, please ensure that the instrument description includes the model number, manufacturer name, and brand name.
 3. Different configurations of the same instrument should be described within a single entry on the core facility's instrument page.
 4. If an instrument has been specifically modified by the core and significantly differs from the original manufacturer's design, it may be assigned a separate RRID. In such cases, the RRID should reference the core facility URL.
 5. If the instrument was developed by the core facility, it may be assigned an RRID using a GitHub repository URL or a publication link as the reference (examples from OpenBehavior (RRID:SCR_015938) tools:
 - a. RatHeadphones (RRID:SCR_023667), https://scicrunch.org/resolver/RRID:SCR_023667,
<https://edspace.american.edu/openbehavior/project/ratphones/>

B. Core–Instrument Relationships

We can relate cores with instruments to reflect core's equipment by relationships: “uses”, “is used by”, “has organization facet”

C. The issue of company acquisitions

The issue of inconsistent instrument naming is less significant once the instrument has an RRID and a specification URL. The RRID ensures reliable identification and can be used to search for the instrument in the literature, while the specification URL provides access to the brochure or manual, helping to avoid confusion about the manufacturer, brand, and model number. In the absence of a manual or brochure, the manufacturer name, brand, and model number must be clearly included in the resource description when submitting a request for an RRID.

D. For all SciCrunch cores the core facility managers would have to apply for core facility ownership to be able to edit the information about the resource on SciCrunch website.

Edits will be accepted after they are checked for curation standards.

We can relate cores with instruments to reflect core's equipment on the core website.

Different configurations of the same instrument should be clearly described in the resource details on both the core's institutional webpage and its SciCrunch Registry page. This should be tracked by core managers and include all changes on the core website and in the SciCrunch Registry resource website.

To claim ownership of the existing resource to do edits the steps below should be followed:

0. Create an account at SciCrunch
1. Make sure that you are Logged in
2. Go to the resource page that you wish to own
3. Click on the button " claim ownership"
4. You should see a box that says give some proof paper etc that you are the owner.
5. Claim then goes to our curators and after checking proof we approve it.
6. After approval you will have access to do updates.

Example of instrument curation for cores - it involved correspondence with core facility contact person

Icahn School of Medicine at Mount Sinai Microscopy and Advanced Bioimaging Core Facility,
RRID:SCR_027237

<https://docs.google.com/spreadsheets/d/1hraczNsqr7XBOL8FmSfuQEUI9tKG5dGdWl1g-owcqlw/edit?gid=0#gid=0>

| | A | B | C | D | E | |
|----|-----------------|---|---------------------------------|-----------------------------------|---|---|
| 1 | RRID | Notes | Relation to the SCR_027237 core | Instrument name | Vendor/manufacturer URL | Instrument manual or brochure in PI |
| 2 | RRID:SCR_027225 | | has organization facet | Andor Dragonfly 620 system | https://icahn.mssm.edu/research/resources/dean/ | https://drive.google.com/file/d/1qdldga |
| 3 | RRID:SCR_027226 | | uses | Leica TCS SP8 with AOBs | https://downloads.leica-microsystems.com/TCS%20SP8%20with%20AOBS%20System%20User%20Manual%20-%20English%20-%2020180901.pdf | https://drive.google.com/file/d/14x0o7ol |
| 4 | RRID:SCR_027227 | | has organization facet | Leica TCS SP8 system - Icahn Buil | https://icahn.mssm.edu/research/resources/dean/ | https://drive.google.com/file/d/14x0o7ol |
| 5 | RRID:SCR_027228 | | has organization facet | Leica Stellaris 8 - Atran system | https://icahn.mssm.edu/research/resources/dean/ | https://drive.google.com/file/d/1wRBOe |
| 6 | | The same document from Google Drive cannot have two different f | | Leica Stellaris 8 - 619 | https://icahn.mssm.edu/research/resources/dean/ | https://drive.google.com/file/d/17PXI |
| 7 | RRID:SCR_026672 | If the setup differs significantly fr | uses | Leica DMI8 | https://www.leica-microsystems.com/products/light-microscopy/leica-dmi8/ | https://drive.google.com/file/d/1oOc0M |
| 8 | RRID:SCR_018856 | If the setup differs significantly fr | uses | Zeiss Axio Imager Z2 | https://www.micro-shop.zeiss.com/en/no/system/ | https://drive.google.com/file/d/15YX1u9 |
| 9 | RRID:SCR_027233 | | has organization facet | Zeiss Axio Imager.Z2(M) | https://icahn.mssm.edu/research/resources/dean/ | https://drive.google.com/file/d/15YX1u9 |
| 10 | RRID:SCR_025048 | If the setup differs significantly fr | uses | Zeiss LSM980 Airyscan 2 | https://raw.githubusercontent.com/SciCrunch/RRID-027237/master/Zeiss%20LSM980%20Airyscan%202%20User%20Manual%20-%20English%20-%2020180901.pdf | https://drive.google.com/file/d/1wvrgBr |
| 11 | RRID:SCR_027234 | If the setup differs significantly fr | uses | Olympus FVMPE-RS | https://raw.githubusercontent.com/SciCrunch/RRID-027237/master/Olympus%20FVMPE-RS%20User%20Manual%20-%20English%20-%2020180901.pdf | https://drive.google.com/file/d/1OyKUF |
| 12 | RRID:SCR_018612 | If the setup differs significantly fr | uses | Olympus MVX10 | https://www.olympus-lifescience.com/en/microscopy/olympus-mvx10/ | https://drive.google.com/file/d/1D6SxN |
| 13 | RRID:SCR_027238 | If the setup differs significantly fr | uses | LaVision UltraMicroscope II | https://raw.githubusercontent.com/SciCrunch/RRID-027237/master/LaVision%20UltraMicroscope%20II%20User%20Manual%20-%20English%20-%2020180901.pdf | https://drive.google.com/file/d/1MqfEEc |
| 14 | RRID:SCR_027239 | If the setup differs significantly fr | uses | LifeCanvas SmartSPIM | https://lifecanvastech.com/wp-content/uploads/2018/09/LifeCanvas-SmartSPIM-User-Manual-20180901.pdf | https://drive.google.com/file/d/1V1e-zq |

Example of instrument curation for cores

Conclusion letter sent to the core contact person:

I provided RRIDs for most instruments except the Leica Stellaris 8 - 619, as it is listed in the same document as another microscope. I couldn't find any additional information about this instrument. Since the document is from Google Drive and will be converted to PDF, it cannot have two different RRIDs, so a temporary URL is not an option in this case.

Four instruments were accepted as specific to your core (with the relationship "has organization facet") using your core URL as the instrument URL and the information you provided in the Google Doc, which was converted to a stable URL and used as "Specification URL" on this resource SciCrunch page.

The remaining instruments were marked as being used by your facility. Different configurations of the same instrument should be documented within a single entry on the core facility's instrument page.

However, if an instrument has been significantly modified by your core and differs notably from the manufacturer's original design, it may qualify for a separate RRID. In such cases, the instrument URL should point to the core facility URL, and the instrument image along with a detailed description of the system should be included on the core website.

Please ensure that the RRIDs for both the core and its instruments are clearly displayed on the core's webpage so they can be easily cited by users