



**CENTRO ARGENTINO DE INFORMACIÓN
CIENTÍFICA Y TECNOLÓGICA**

NUEVOS IDENTIFICADORES DIGITALES

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Sector Gestión de la Calidad Editorial

FECHA 25-04-2018



NUEVOS IDENTIFICADORES DIGITALES

Recientemente se han desarrollado nuevos identificadores digitales de búsqueda únicos que permiten que los buscadores devuelvan todos los documentos en los que se menciona un anticuerpo, líneas celulares, organismo modelo o herramienta de software en particular.

Esta iniciativa data de 2015 y es posible obtenerlos sin costo para que los investigadores los incluyan en sus artículos. Es un proyecto destinado a identificar los recursos biológicos utilizados en el curso de la investigación científica.

Este desarrollo permite obtener a través de los buscadores una recuperación limpia de un artículo que los incluya.

¿Qué es un identificador único?

ISBN

ISSN

DOI

Handle

Author - ID



BLOCKCHAIN
for Science

¿Por qué más identificadores digitales de documentos?



ARK
(Archival Resource Key)
Identifiers



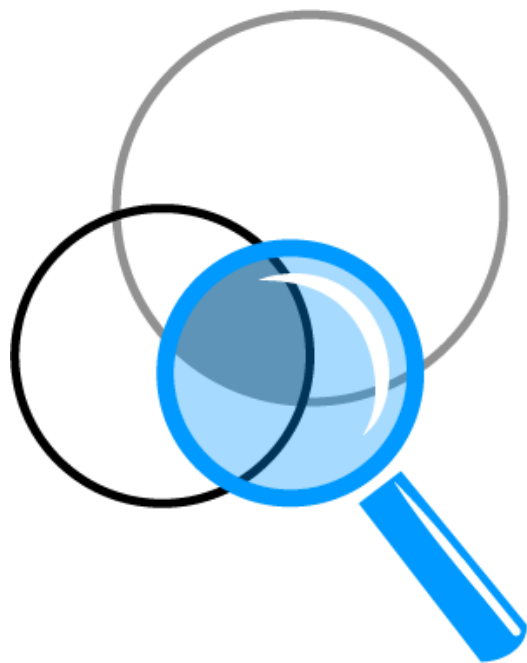
¿Por qué más identificadores digitales de autores científicos?

ORCID

RESEARCHERID

Scopus

<https://scicrunch.org/resources>



Resource
Identification
Initiative

Tres criterios

The Resource Identification Initiative aims to enable resource transparency within the biomedical literature through promoting the use of unique Research Resource Identifiers (RRIDs). In addition to being unique, RRID's meet three key criteria, they are:

1. Machine readable.
2. Free to generate and access.
3. Consistent across publishers and journals.

Este portal permite obtener y explorar los Research Resource Identifiers (RRIDs)

Seguro | <https://scicrunch.org/resources>



LOGIN REGISTER



Resource Identification Portal

ABOUT COMMUNITY RESOURCES



Search for organisms, antibodies, software tools and databases



Any

Organisms

Cell Lines

Antibodies

Tools

Welcome

This is the Resource Identification Portal, supporting NIH's new guidelines for Rigor and Transparency in biomedical publications. Authors are instructed to authenticate key biological resources: Antibodies, Model Organisms, and Tools (software, databases, services), by finding or generating stable unique identifiers. We appreciate your patience and any feedback. If you experience any difficulties, please contact us at rii-help@scicrunch.org or just click on 'report an issue' below and we will help you obtain the appropriate identifiers.



Find Organisms

Participating model organism repositories or stock centers, include: rodent (mouse, rat), fish (zebrafish, hybrid fish), worms, flies, amphibians, pig, and a single cell organisms.



New Find Cell Lines

Cellosaurus data is now available for citation this includes all of your favorite cell line stock centers and a fully integrated list created in collaboration with ICLAC.org of problem cell lines, make sure to look at the comments!



Find Tools

Our registry has software, databases, and services aggregated from a wide range of providers to cite within your papers.

¿Por qué más identificadores digitales?

Para lograr la reproducibilidad científica

On the reproducibility of science: unique identification of research resources in the biomedical literature

Research article

Cell Biology

Developmental Biology

Neuroscience

Immunology

Science Policy

Nicole A. Vasilevsky¹, Matthew H. Brush¹, Holly Paddock², Laura Ponting³,
Shreejoy J. Tripathy⁴, Gregory M. LaRocca⁴, Melissa A. Haendel¹

Published September 5, 2013

October 9, 2013: **(Minor correction)** The Funding Statement is in error. The sentence that reads "The Zebrafish Information Network and Flybase are funded by the National Human Genome Research Institute (P41 HG002659 and P41 HG000739, respectively)" should instead read "The Zebrafish Information Network is funded by the National Human Genome Research Institute (P41 HG002659). FlyBase support for this project was provided by an NHGRI / NIH grant HG000739 (W. Gelbart, Harvard University, PI, N. H. Brown, coPI)."

Fuente: Vasilevsky NA, Brush MH, Paddock H, Ponting L, Tripathy SJ, LaRocca GM, Haendel MA. (2013) On the reproducibility of science: unique identification of research resources in the biomedical literature. *PeerJ* 1:e148 <https://doi.org/10.7717/peerj.148>
Este artículo está disponible si resuelven el doi de manera completa.

Research Resource Identifiers (RRIDs)

RRIDs = Mejores artículos científicos



11 β -HSD1 Modulates the Set Point of Brown Adipose Tissue

12/5/2017

Response to Glucocorticoids in Male Mice | Endocrinology | Oxford

Academic

... no. 9198, Cell Signaling Technology; mouse anti- β -actin: **RRID AB_306371**,
catalog no. ... Statistical significance was calculated using unpaired t test. *P < 0.05;
P < 0.01; *P < 0.001.

Como obtener

Research Resource Identifiers (RRIDs)

- Obtener un RRID es bastante simple: visite <https://scicrunch.org/resources> e ingrese su término de búsqueda allí.
- Consejo de búsqueda de anticuerpos: la búsqueda del número de catálogo generalmente reduce la búsqueda a solo unos pocos resultados relevantes.
- Líneas celulares: generalmente es mejor buscar el número de catálogo de una línea celular establecida.
- Consejo de búsqueda de organismos: puede incluir identificaciones de PubMed (PMID) en su búsqueda o filtrar sus resultados de búsqueda por PMID, especie, fenotipo y otros criterios.
- Búsqueda de herramientas de software: generalmente el nombre de la herramienta (MATLAB o ImageJ) o la institución donde está ubicado traerá resultados relevantes.

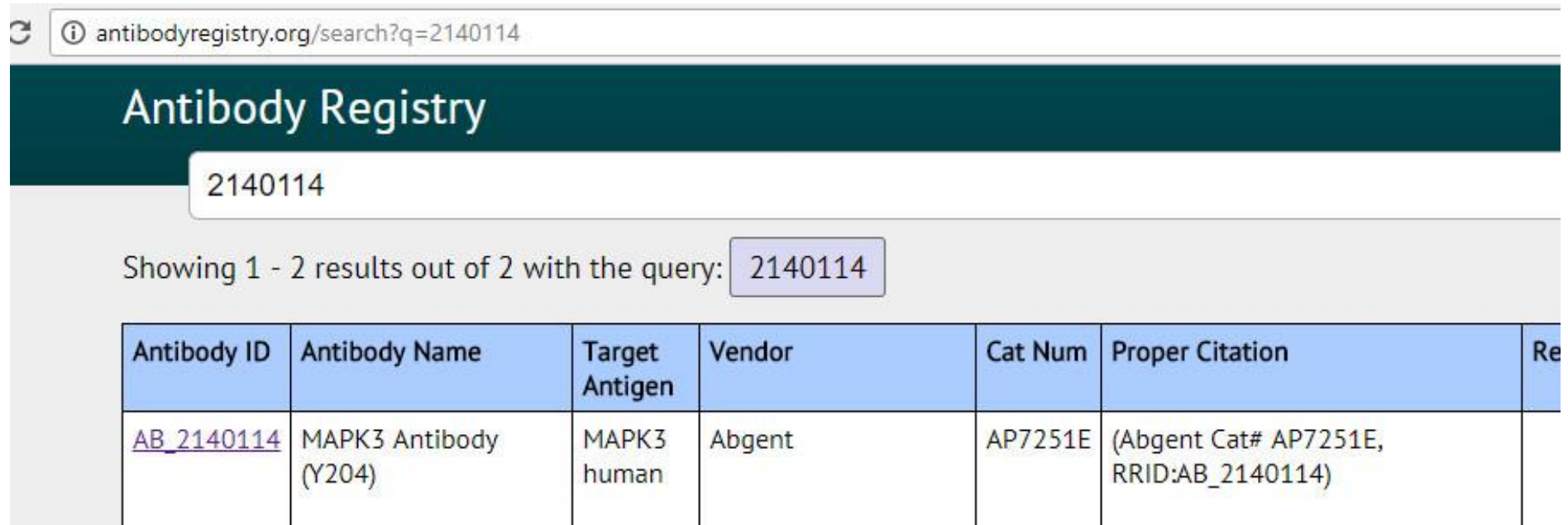
Cómo incluir los RRID en su documento

- **Anticuerpos:** "Las secciones se tiñeron con un anticuerpo policlonal de conejo contra ERK1 (Abgent Cat # AP7251E, RRID: AB_2140114)".
- **Líneas celulares:** "Los sujetos incluyen la siguiente línea celular: CLS Cat # 300384 / p699_HeLa_S3, RRID: CVCL_0058."
- **Organismos genéticamente modificados:** "Los sujetos en este estudio fueron ratones Fgf9Eks / Fgf9 + (RRID: MGI_3840442) ..."
- **Herramientas de software:** "... se mapearon los terminales con un programa de mapeo asistido por computadora (Neurolucida, v 10; MicroBrightField RRID: nif-0000-10294)".

Cómo buscarlos

- **Anticuerpos:** "Las secciones se tiñeron con un anticuerpo policlonal de conejo contra ERK1 (Abgent Cat # AP7251E, RRID: AB_2140114)".

Introducimos en el buscador: RRID: AB_2140114)".



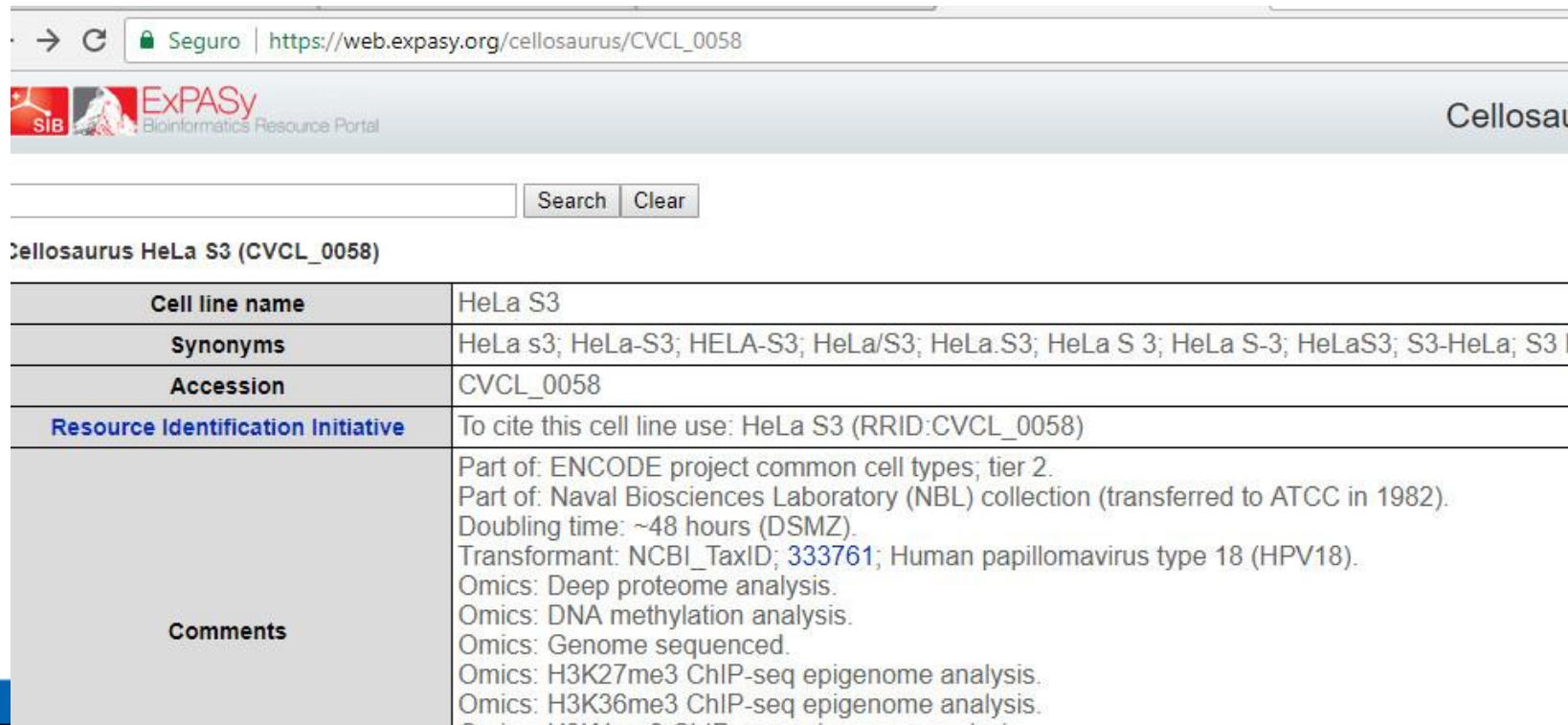
The screenshot shows a web browser window with the URL `antibodyregistry.org/search?q=2140114`. The page title is "Antibody Registry". A search bar contains the number "2140114". Below the search bar, it says "Showing 1 - 2 results out of 2 with the query: 2140114". A table displays the search results.

Antibody ID	Antibody Name	Target Antigen	Vendor	Cat Num	Proper Citation	Re
AB_2140114	MAPK3 Antibody (Y204)	MAPK3 human	Abgent	AP7251E	(Abgent Cat# AP7251E, RRID:AB_2140114)	

Cómo incluir los RRID en su documento

- Líneas celulares: "Los sujetos incluyen la siguiente línea celular: CLS Cat # 300384 / p699_HeLa_S3, RRID: CVCL_0058.«

O en Google Académico: RRID: CVCL_0058



The screenshot shows a web browser window with the URL https://web.expasy.org/cellosaurus/CVCL_0058. The page header includes the SIB and ExPASy logos, and the text "Cellosaurus". Below the header is a search bar with "Search" and "Clear" buttons. The main content area displays the following information:

Cellosaurus HeLa S3 (CVCL_0058)

Cell line name	HeLa S3
Synonyms	HeLa s3; HeLa-S3; HELA-S3; HeLa/S3; HeLa.S3; HeLa S 3; HeLa S-3; HeLaS3; S3-HeLa; S3 I
Accession	CVCL_0058
Resource Identification Initiative	To cite this cell line use: HeLa S3 (RRID:CVCL_0058)
Comments	Part of: ENCODE project common cell types; tier 2. Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982). Doubling time: ~48 hours (DSMZ). Transformant: NCBI_TaxID; 333761; Human papillomavirus type 18 (HPV18). Omics: Deep proteome analysis. Omics: DNA methylation analysis. Omics: Genome sequenced. Omics: H3K27me3 ChIP-seq epigenome analysis. Omics: H3K36me3 ChIP-seq epigenome analysis.



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Find Tools

Our registry has software, databases, and services aggregated from a wide range of providers to cite within your papers.

Searching across hundreds of databases 





OPTIONS

Category Graph

Log In For Collection Options

Filter By Last Modified Time

See New Records

SOURCES

Integrated: Animals (606,424)

RECENT SEARCHES

- Search For: "*" In Organisms
- Search For: "*" In Any
- Search For: "*" In Cell Lines (Cellosaurus: Cell Lines)

FACETS

[Sort alphabetically](#) | [Sort by count](#)

Database >

Species >

Background >

Genomic Alteration >

ON PAGE 1 SHOWING 20 OUT OF 606,424 RESULTS FROM [1 SOURCES](#)

[disclaimer \(disclaimer\)](#) [Danio rerio](#) 

Cite this (ZIRC Cat# [ZL12568.02](#), RRID:ZIRC_ZL12568.02)

Source Database: ZIRC, catalog # [ZL12568.02](#)

Genetic Background: disclaimer

Affected Genes:

Genomic Alteration: sa32737

Availability: frozen

Reference:

Notes: - Point Mutation

From Current Category

 Integrated: Animals (606,424) |  Cite This |  View Source Information

[e02799 Drosophila melanogaster](#) 

Cite this (FlyBase Cat# [FBst1014563](#), RRID:FlyBase_FBst1014563)

Source Database: FlyBase, catalog # [FBst1014563](#)

Genetic Background:

Affected Genes:

Genomic Alteration: PBac{RB}Ythdf[e02799]

Availability: Availability unknown check source stock centers

Reference:

Notes:

From Current Category

 Integrated: Animals (606,424) |  Cite This |  View Source Information

[Fbxo22^{tm1b\(EUCOMM\)Wtsj}/Fbxo22^{tm1b\(EUCOMM\)Wtsj}](#) [Mus musculus](#) 

Source Database: FlyBase, catalog # **FBst1014563**

Genetic Background:

Affected Genes:

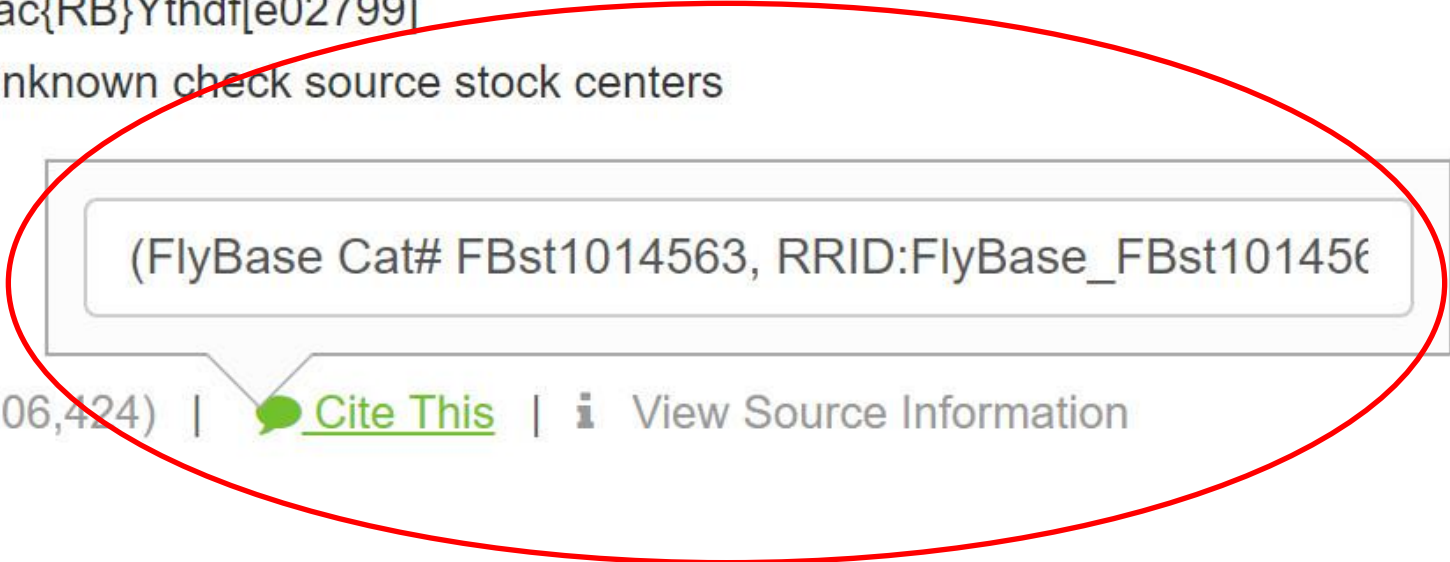
Genomic Alteration: PBac{RB}Ythdf[e02799]

Availability: Availability unknown check source stock centers

Reference:

Notes:

From Current Category



(FlyBase Cat# FBst1014563, RRID:FlyBase_FBst1014563)

Integrated: Animals (606,424) |

[Cite This](#) |

[View Source Information](#)

Artículos de ejemplo



ABOUT LABS COMMUNITY

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NEUROSCIENCE



ELKS controls the pool of readily releasable vesicles at excitatory synapses through its N-terminal coiled-coil domains

Materials and methods

Mouse lines

All experiments using mice were performed according to institutional guidelines at Harvard University. Conditional double knockout (cDKO) mice that remove the ELKS1 α /2 α proteins were generated by crossing conditional knockout mice for the *Erc1* ([Liu et al., 2014] RRID:IMSR_JAX:015830) and *Erc2* ([Kaesler et al., 2009] RRID:IMSR_JAX:015831) genes. ELKS1 α /2 α cDKO mice were maintained as double homozygote line

¿Cómo recibir información?

RRID Newsletter April 2018 - Cancer Edition

Cancer Journals join RRID Initiative

What are they really doing and why does it take so long?

AACR

American Association
for Cancer Research




Correo electrónico: info@scicrunch.org

¿Dónde encontrar información relacionada?

The screenshot shows the homepage of the FORCE11 website. At the top, there are statistics: 33 ORK GROUPS, 2,471 ACTIVE MEMBERS, and 1,249 MEMBER POSTS. There are 'Sign In' and 'Join Now!' buttons. Below this is the FORCE11 logo with the tagline 'The Future of Research Communications and e-Scholarship'. A navigation menu includes ABOUT, COMMUNITY, GROUPS, RESOURCES, NEWS + BLOGS, EVENTS, PUBLICATIONS, and MEDIA. A large banner for 'Active FORCE11 Community Groups' features a 'VIEW GROUPS' button. The main content area is divided into three columns: ANNOUNCEMENTS, FEATURED, and TWEETS. The ANNOUNCEMENTS column lists items like 'Deadline Approaching: Submit Proposals To...', 'Scholarships Available For FSCI 2018 - Dea...', 'Clarivate Analytics Acquires Kopernio', 'FSCI Announced - FORCE11 Scholarly Communi...', and 'FORCE11 Sponsorship Opportunities'. The FEATURED column lists 'Estimating The Reproducibility Of Experimen...', 'Social Infrastructures In Research Communic...', 'A Summer Institute For Teaching And Learnin...', 'Sustaining Scholarly Infrastructures Throug...', and 'Must We Decolonise Open Access? Perspective...'. The TWEETS column shows a tweet from Michael Rodriguez (@topshelver) about applying for a scholarship, with a retweet from Kristine Brancolini. Below the tweet is a 'FORCE11' logo and a link to 'FSCI 2018 Scholarship Applica...' with submission details.

Fuente: <https://www.force11.org/> (Consultado 22/04/2018)

Agradecimiento




The Future of Research Communications and e-Scholarship

English Search

ABOUT COMMUNITY GROUPS RESOURCES NEWS + BLOGS EVENTS PUBLICATIONS MEDIA

FORCE11 » Community » Member Directory » Anita Bandrowski




ANITA BANDROWSKI

FORCE11 Member since January 24, 2012

Organization/Institution: UCSD
ORCID ID: 0000-0002-5497-0243
Twitter: @Anitabandrowski
Website: <http://scicrunch.org>
LinkedIn: <https://www.linkedin.com/in/anita-bandrowski-677b09>
Skype: bandrow

BADGES



BIOGRAPHY

Dr. Bandrowski trained as a neurophysiologist at UCR and Stanford, however moved to bioinformatics with the human genome project at Celera Inc., seeing that high throughput science has much to teach biologists. Currently working at the center of research in biological systems at UCSD on the [Neuroscience Information Framework and SciCrunch](#)

Fuente: <https://www.force11.org/> (Consultado 22/04/2018)



**CENTRO ARGENTINO DE INFORMACIÓN
CIENTÍFICA Y TECNOLÓGICA**

MUCHAS GRACIAS

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FECHA 25-04-2018

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