

HIUN
REN



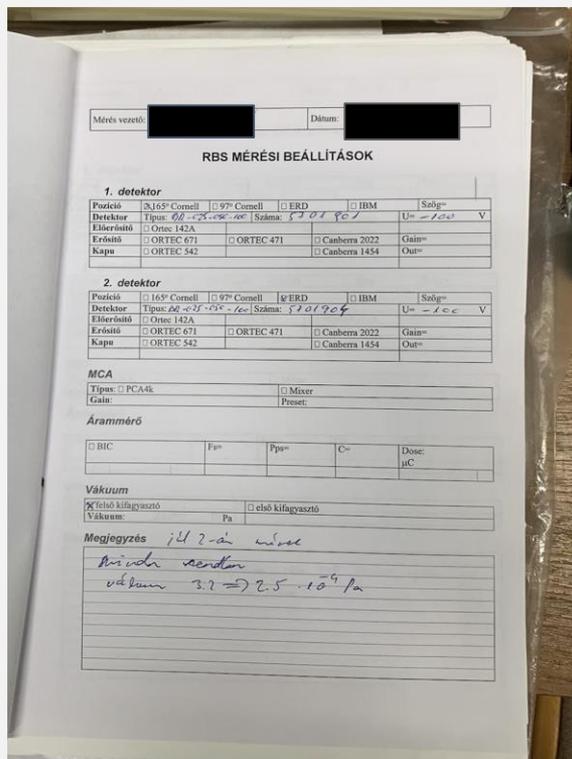
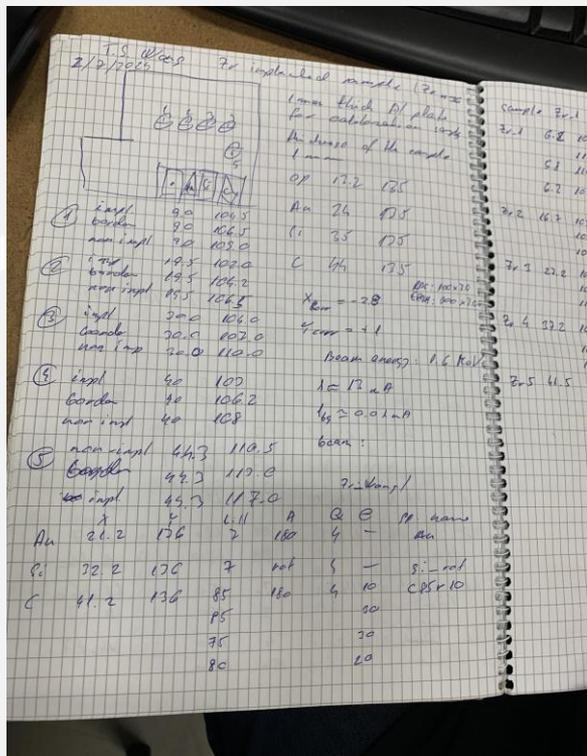
SZTAKI

RSpace, avagy a labormunka digitalizálása

kivonat

HIUN-REN
Hungarian Research Network

Hagyományos laborjegyzőkönyv



Project leader: [redacted] **Date:** [redacted]

Aim of the experiment: Preparation of BICAAC complex from NM-318 salt and HG-1. Scale up.

Relevant literature:
1 NM-295

Reaction equation:

Measurement:

Exp. product	631.69 g/mol	0.417 mmol				
Exp. Yield (100%):	263.7 mg					
Amount	Unit	Chemical name	M (g/mol):	d (g/ml)	Amount (mmol)	equivalent
1	250.0 mg	NM-318	399.32	1.000	0.626	1 per def
2	689 μl	LiHMDS (1M THF-ben)	167.33	-	0.689	1.10
3	250.7 mg	HG-1	600.61	1.000	0.417	0.67
4	8.0 ml	THF	-	-	-	-
V:	9.0 ml					

Reaction starts: 2021. 6. 17. 11:10
Reaction ends: 2021. 6. 17. 13:00
Reaction time (h:m): 1:50:00

Description - Experience: A reakciót gloveboxban mértem össze egy kis mintás üvegben. Az NM-318 prekuzorot felvettem 4 ml THF-ben (kb. negyedrészből oldott), majd hozzáadtam a LiHMDS oldatát, mire majdnem színtelen (gyengén sárga) oldat keletkezett. Ezt követően adtam hozzá a HG-1. 3+1 ml THF-es oldatát, majd 30 ml-es kis üvegbe töltöttem, és kevertetem a tartalmát két órát. Az oldat 2-3 perc alatt beöblödött. Ezt követően kevés szilikaugacsos szűrőre, EIOAc-tal mostam és beápoltam. A maradékot felvettem 40 ml hexánban, felkavarás után kevertetem 1 órát, majd lesűríttem és hexánál mostam, tömege 235 mg, NMR szerint 16% protonálódott ligandumot tartalmaz. Tisztítás kromatográfiával szilikonos tisztá DKM eluenssel (VRK szerint a prekuzorú az alapformán van, míg a komplex teljesen (rt: 0.9) feljut. Beápolás után 207 mg (79%) anyag keletkezett, nagyvákuumban száradt.

Tests

1	¹ H NMR	NM-320A 1D (1H, 13C).mnova	klóroform
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Conclusion: reaction successful, conversion full.

Mi az ELN?

- ELN = Electronic Laboratory Notebook
- Célszoftver a labormunka dokumentálására és támogatására
- LIMS = Laboratory Information Management System
- Készletnyilvántartás
- Repozitálás
- Kollaboráció
- Szakterületi eszközök
- ...



XSAVECANCEL📧

Home / SOPs / SOPsEditing

Name: SOPs Tags:

Unique ID: SD232

Show last modified date

New List of Materials

File Insert Format Table View Science Tools Online Tools

B *I* A Heading 1 Arial 30px

Standard Operating Procedures (SOPs) for Labs

A standard operating procedure (SOP) is a set of instructions for performing experiments or processes that involve hazards (chemical, physical, biological, radiation). SOPs are lab-specific and include documentation of the people who have received training for that procedure.

New students and employees working in your lab should be provided with hands-on training for hazardous materials and operations that are covered by the SOPs for your lab.

SOPs by Hazard Type

CHEMICALS & GENERAL LAB SAFETY

Written SOPs are required for all hazardous operations/activities. A library of SOP templates for common hazardous chemicals and operations is available in the SOP tab on [Labs @ Berkeley \(L@B\)](#). Chemical SOPs are generally organized by the hazard class (e.g. flammables, carcinogens and oxidizers).

Contact uccho@berkeley.edu ([link sends e-mail](#)) if you have any questions about lab safety SOPs.

BIOLOGICAL HAZARDS

SOPs for biological research are also available for download from the SOP tab in [Labs @ Berkeley \(L@B\)](#).

Attachments

Tap to expand listing.

Files

Inventory Items

Name: Untitled document  Tags:  Unique ID: SD249 

Show last modified date

Tissue 

Liver

Sample.ID 

334

Format 

FFPE

Collection Date 

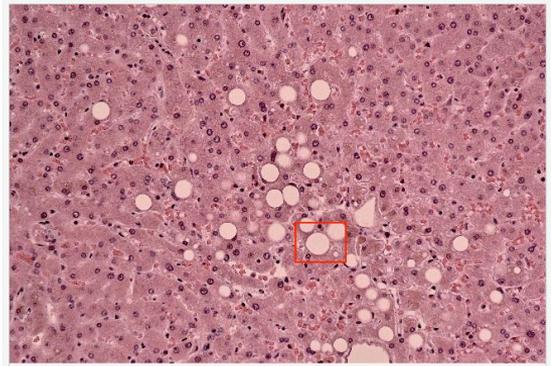
03/07/2023

Location 

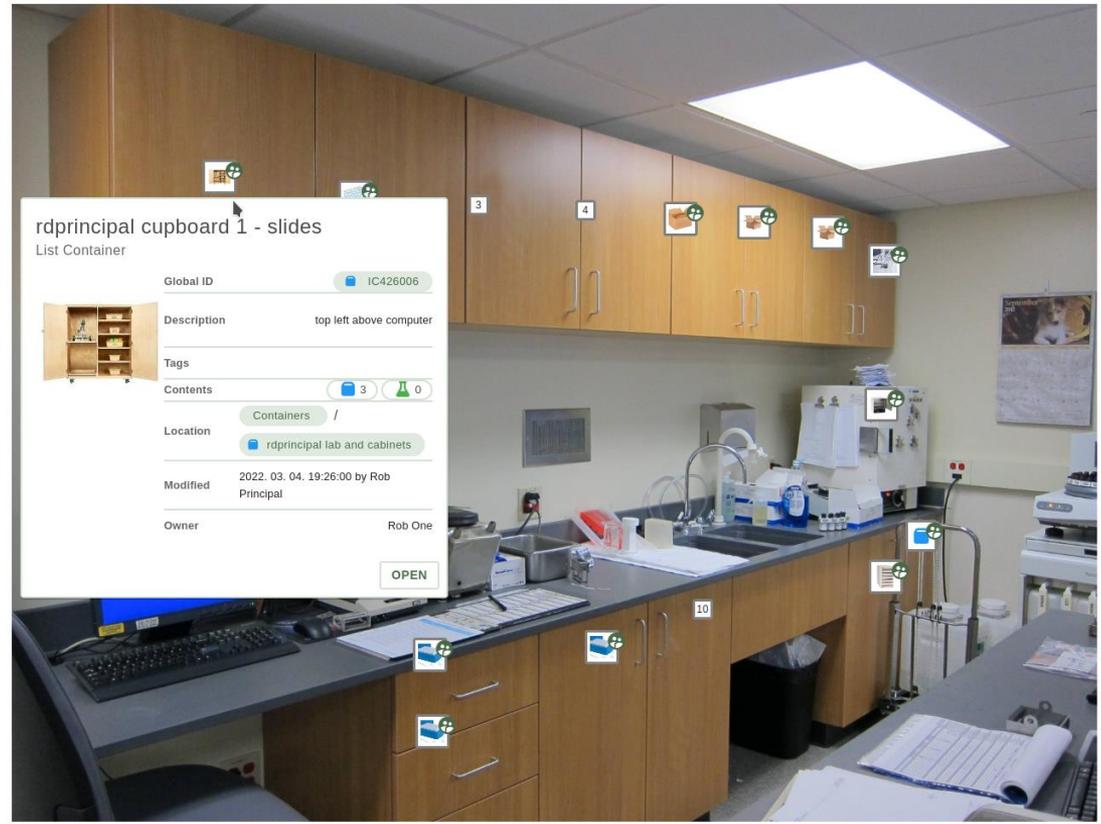
Folio Archive Facility (FAC)

Description and Image New List of Materials 

This is liver showing NASH



NASH_1645651187967.jpg 



^ Locations and Content



Type ▾ Owner ▾ Bench ▾ Status ▾ Barcode ▾ Tags ▾ Saved Searches ▾ Baskets ▾

Status: Current

	Name	Global ID
<input type="checkbox"/>	Slide box with ffpe sections	IC426008
<input type="checkbox"/>	Typhoo Tea	IC1310734
<input type="checkbox"/>	slide box 2	IC32771

1-3 of 3 < >

INFO EDIT CREATE DUPLICATE MOVE TRANSFER ADD TO BASKET EXPORT PRINT BARCODE TRASH

Sample Fields

Parent Sample

These fields belong to [pancreas sections](#), the parent sample of this section. To edit these fields, please edit the sample directly.

Details

TOTAL QUANTITY

Total is calculated from the quantities of [all 23 sections](#), which can be changed by editing the sections individually.

23 items in total

EXPIRY DATE

2027-01-01 

SOURCE

Vendor Supplied

STORAGE TEMPERATURE

Between 15°C and 30°C.

DESCRIPTION

Human pancreas from discover life sciences

TAGS

tissue=pancreas

Custom Fields

SPECIES *

human

STATUS *

normal

STAIN

H&E

DONOR ID

222373270001

- INFO
- EDIT
- CREATE
- DUPLICATE
- MOVE
- TRANSFER
- ADD TO BASKET
- EXPORT
- PRINT BARCODE
- TRASH

Overview

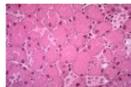
NAME
pancreas sections.09 SS3539073

OWNER
Rob Principal

PARENT SAMPLE
pancreas sections
[There are 22 other sections.](#)

LOCATION
rdprincipal lab and cabinets / rdprincipal cupboard 1 - slides / Slide box with fpe sections / pancreas sections.09

PREVIEW IMAGE
Tap to view at full resolution, scroll to exit (or pinch on mobile)



Details

QUANTITY
1 items
[There are 22 other sections.](#)

DESCRIPTION
No Value

TAGS
None

Barcodes

Scan an existing barcode and associate it with this item. + 1

Description Actions

Generated By RSpace:
<https://demos.researchspace.com/inventory/subsample/3539073> 🖨️ 👁️ 🗑️



SAVE AS TEMPLATE



Home / reakció példa

Export

View

Name: reakció példa

Tags:

Unique ID: SD359



Myofibril

 Show last modified date

New List of Materials

Desired concentration: 0.5 M (molar)

Desired volume: 250 mL (milliliters)

Stock concentration: 2 M (molar)

Required stock volume: **62.5 mL (milliliters)**

1.5385 mol/l 1.5385 mol/l

$$\text{CH}_4 + \text{Cl}_2 \rightarrow \text{CH}_3\text{Cl} + \text{H}_2\text{O}$$

Formula $\text{C H}_4 + \text{Cl}_2 > \text{C H}_3 \text{Cl} +$

COLUMNS

EXPORT

Name	Role	Li...	Eq...	Mole...	Ma...	Mo...	Ac...	Ac...	Yie...	Notes
Methane	re...	<input type="radio"/>	1	16.04	320.8	20	350	21.82	10.5%	–
Chlorine	re...	<input checked="" type="radio"/>	1	70.91	1418.2	20	1400	19.743	–	–
Methyl Chlor...	pr...	<input type="radio"/>	1	50.49	1009.8	20	950	18.816	95.3%	–
Water	pr...	<input type="radio"/>	1	18.02	360.4	20	0	–	–	–

Setup Repository

Please choose one of your configured repositories to submit your export to:

Dataverse - demo

Title *

Demo jegyzőkönyv

Please choose a title, >3 symbols

Description *

Ezt a jegyzőkönyvet azért hoztam létre, hogy bemutathassam az RSpace Dataverse export funkcióját

Please add a relevant description for your export

Subject *

Chemistry

Please select your subject

Metadata language

Magyar

Please select your metadata language (only if target Dataverse supports it)

License *

CC0 1.0

Please select your license

People

Add author(s) AND contact(s) to your repository export.



System Admin - Contact

sysadmin@researchspace.com



Ákos Kukucska - Author

kukucska.akos@sztaki.hu



TAGS AND CONTROLLED VOCABULARY TERMS

CLEAR TAGS

Add tags from controlled vocabularies to this export. The term's value and URI will be included in the deposit's metadata. For more info see [Tagging Documents and using Controlled Vocabularies](#).



Myofibril



Add Tag

CANCEL

BACK



EXPORT

Demo jegyzőkönyv

Draft Unpublished



Ákos Kukucska, 2026, "Demo jegyzőkönyv", <https://hdl.handle.net/21.115999/DSDEDEV/RS16ME>,
CONCORDA, DRAFT VERSION

Cite Dataset

Learn about [Data Citation Standards](#).

Access Dataset

Publish Dataset

Edit Dataset

Link Dataset

Contact

Owner

Share

Description

Ezt a jegyzőkönyvet azért hoztam létre, hogy bemutathassam az RSpace Dataverse export funkcióját

Subject

Chemistry

Keyword

Myofibril

License/Data Use Agreement



Dataset Metrics

0 Downloads

Files Metadata Terms Versions AROMA

ARP AROMA - RO-Crate Manager

Dataset

- ✓ Demo jegyzőkönyv
 - a-zIndex.html
 - chemdcl3ndMITlhLpFw.png
 - chemdHufptUpCCDJ6JA.png
 - doc_reakci-plda-359.html
 - Ernie_Acid_177072527136

Entities

- > Author
- > Dataset
 - ./
- > Point of Contact
- > Description
- > Cite

Metadata Schemas

Citation Metadata

Filter

Search for entities ...



Root dataset



Preview

Undo

Redo

Save

About

@id ./

Citation ✓

@type Dataset

Other ✓

Name
A short, descriptive name for this item.

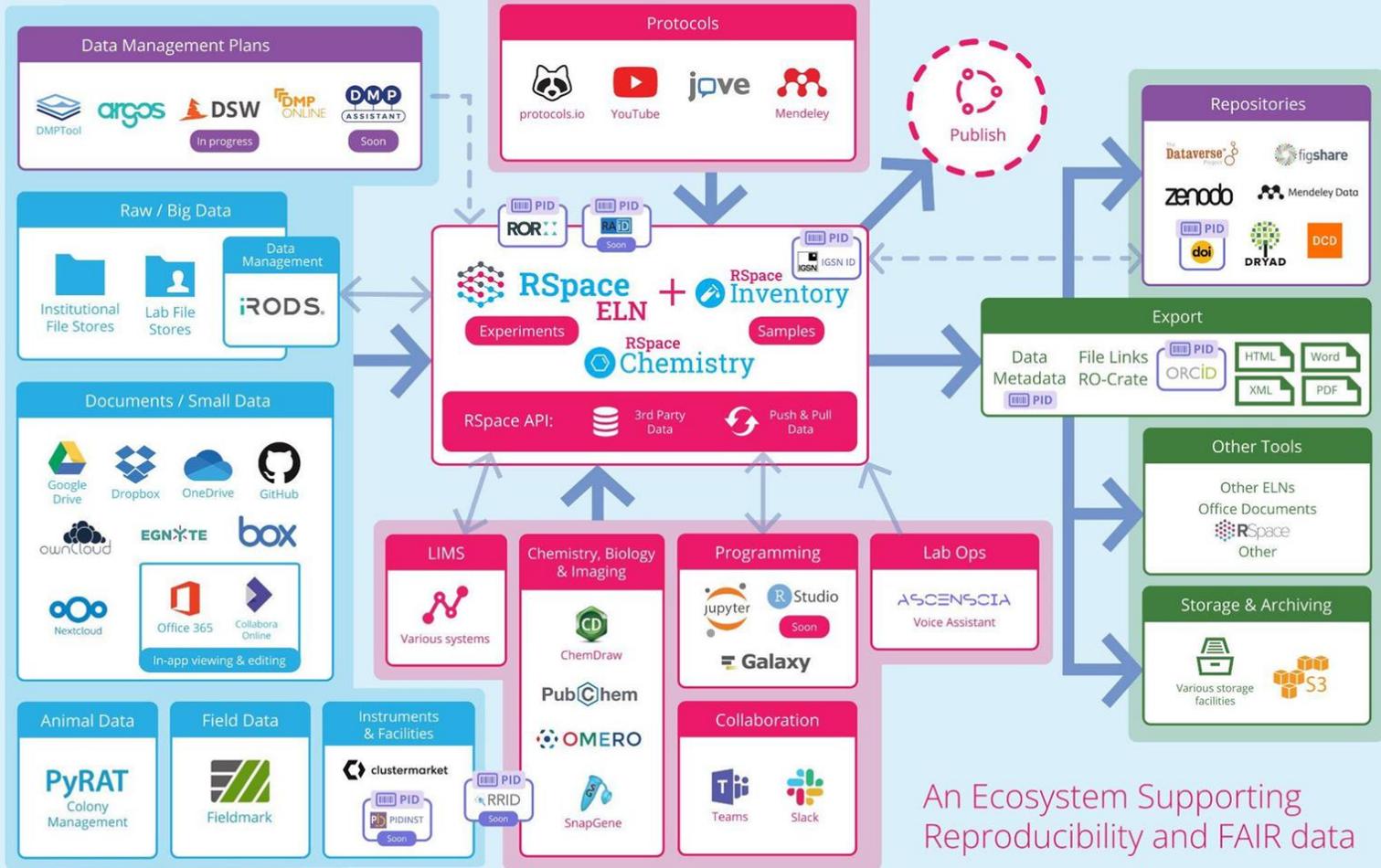
./



Preparation

Active Research

Archiving, Storage & Reuse



An Ecosystem Supporting
Reproducibility and FAIR data

További infó

- Bemutató előadás az RSpace-ről a QR-kódon
- email: kukucska.akos@sztaki.hu

