

## Find and exchange digital research data

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# Publication platform: why?



# **Publication platform: why?**

- Only a selection of experiments and data is published
- Limited searchability
- Access limited or costly
- "Supporting information" is text and images, but no original data

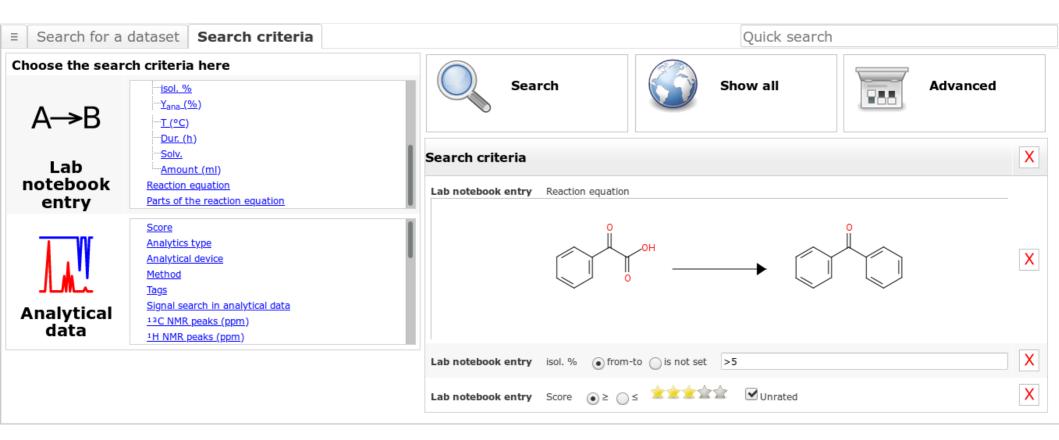
- The percentage of failed experiments is too high
- Where can I search for reaction parameters like "< 80 °C"?</li>
- ChemRxiv is a nice approach, but offers only full text search
- Original data should be published together with a paper



- Publish lab notebook entries with a few clicks
- Search for structures, parameters, keywords, etc.
- Free at https://sciflection.com

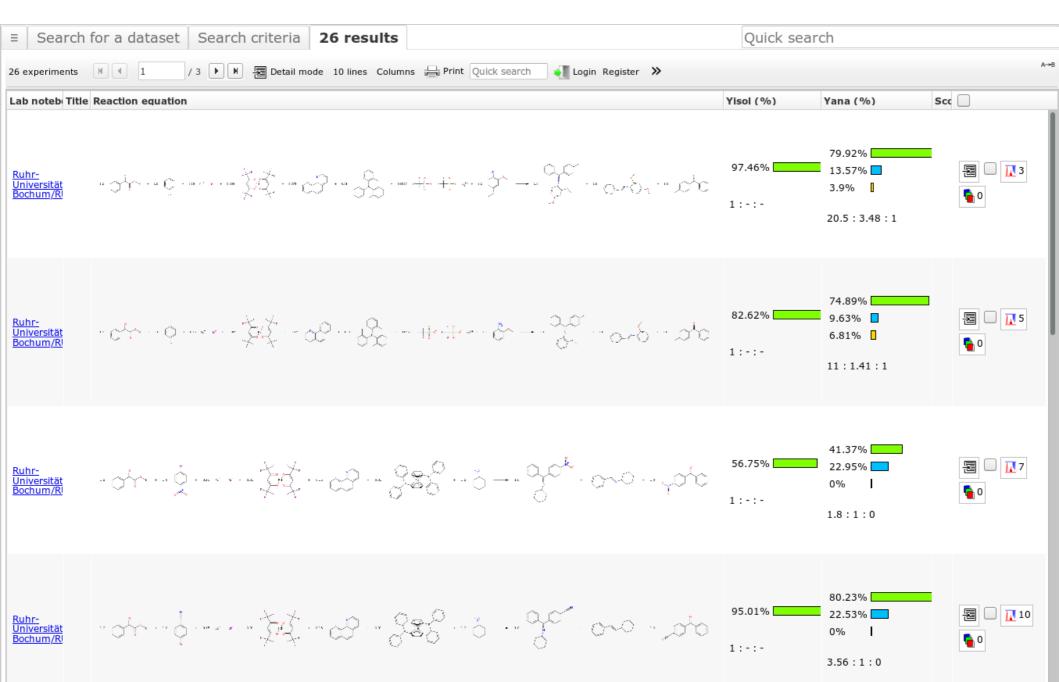


## Filter by various criteria

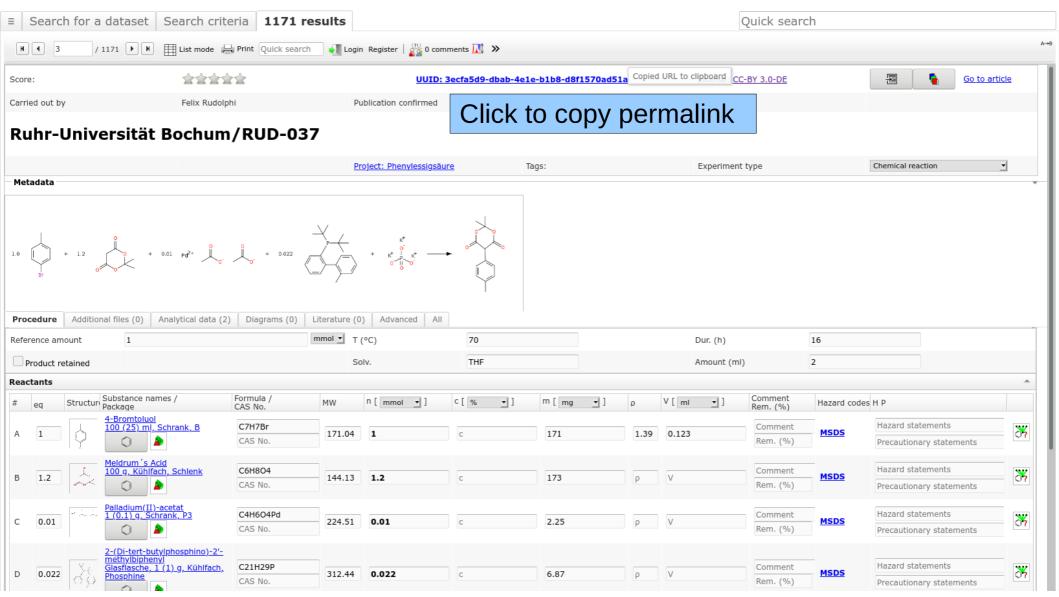




## Search results like in the lab notebook

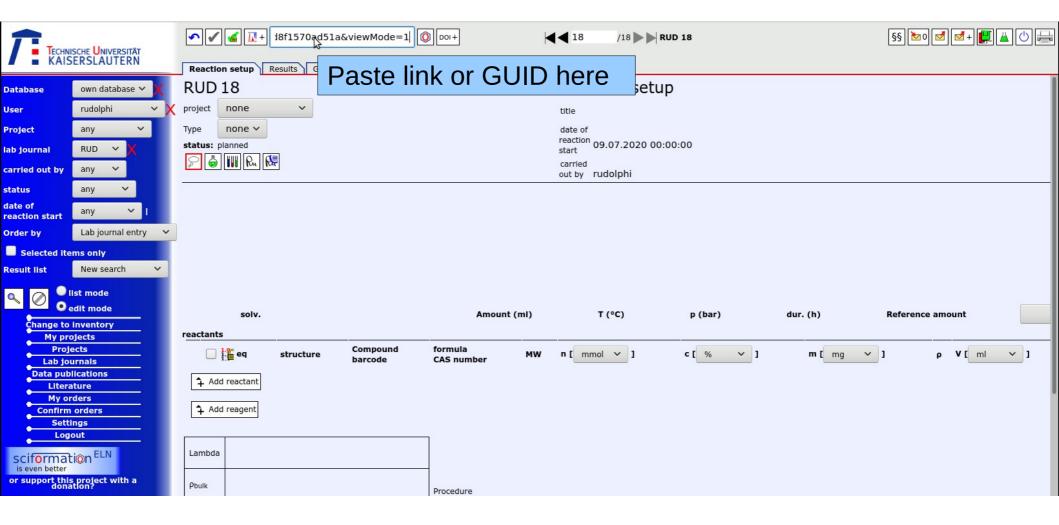


## Importing an experiment



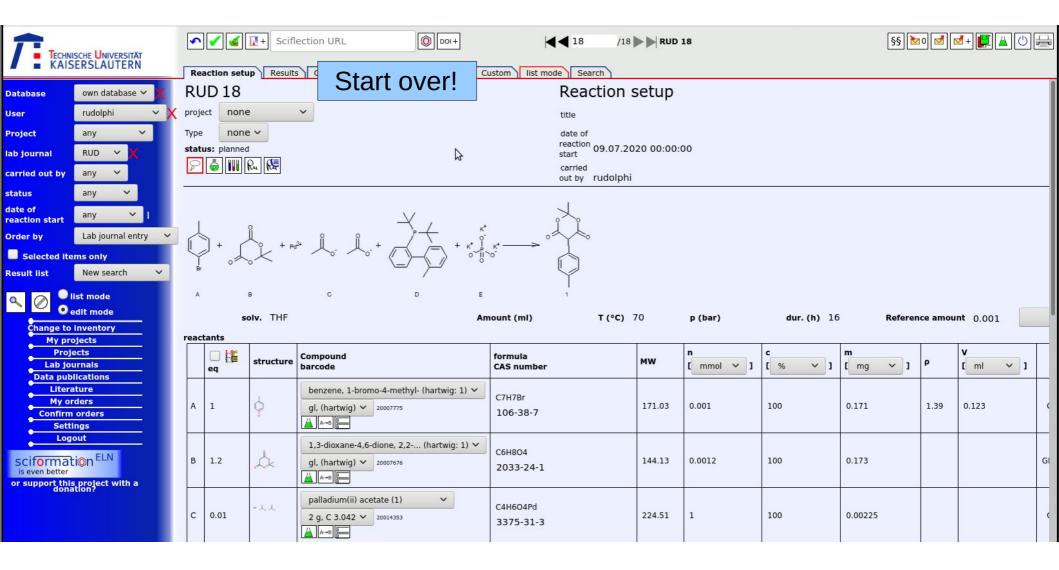


## Importing an experiment

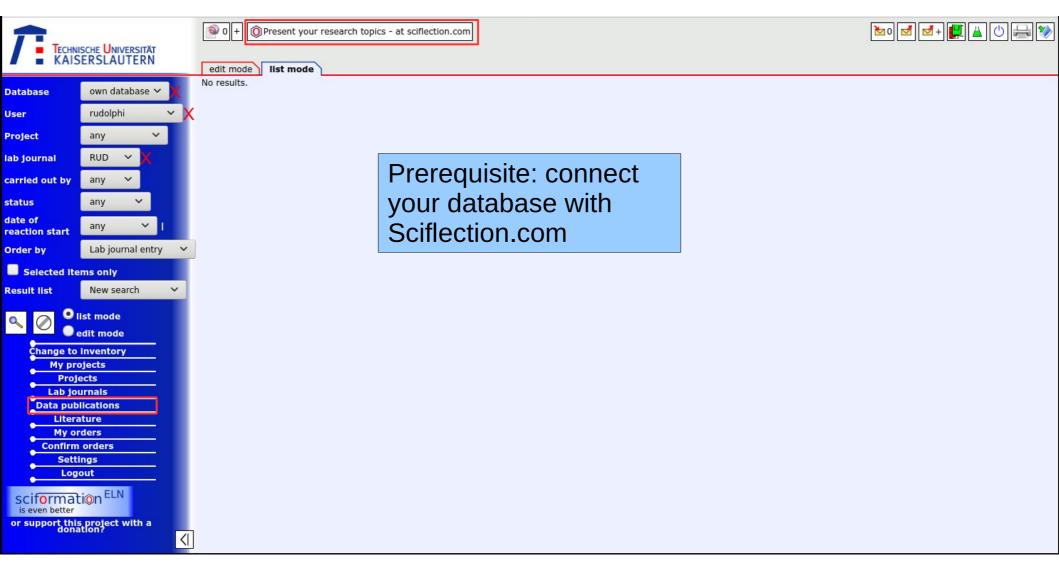




## Importing an experiment



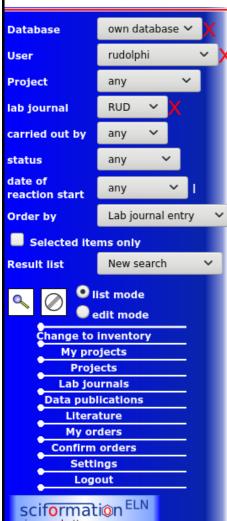








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institution	TU Kaiserslautern-Goossen
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VHSYl	
	VHCVI

Please enter the text above, unless you are a robot.

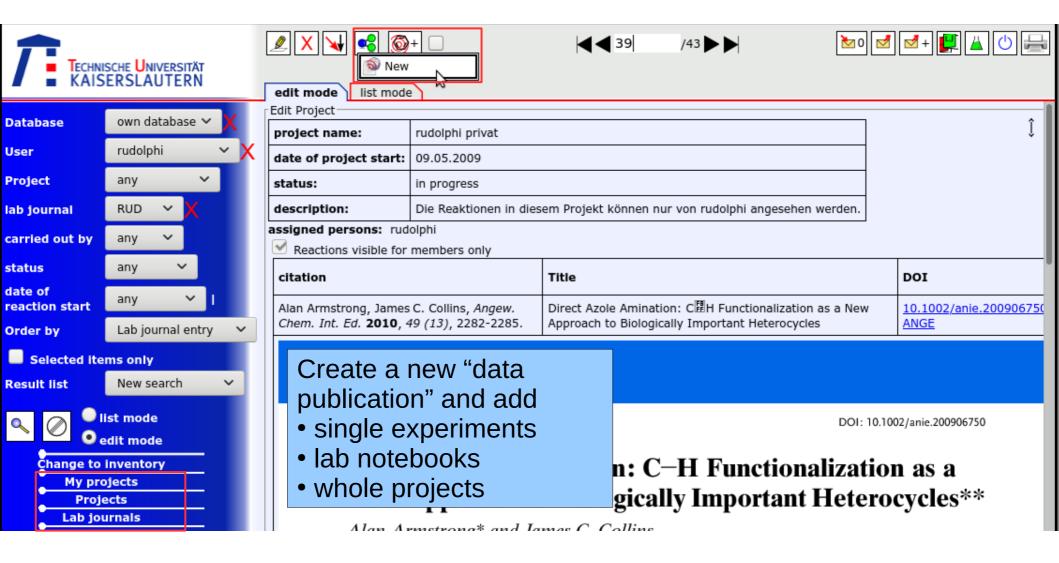
vHSYl



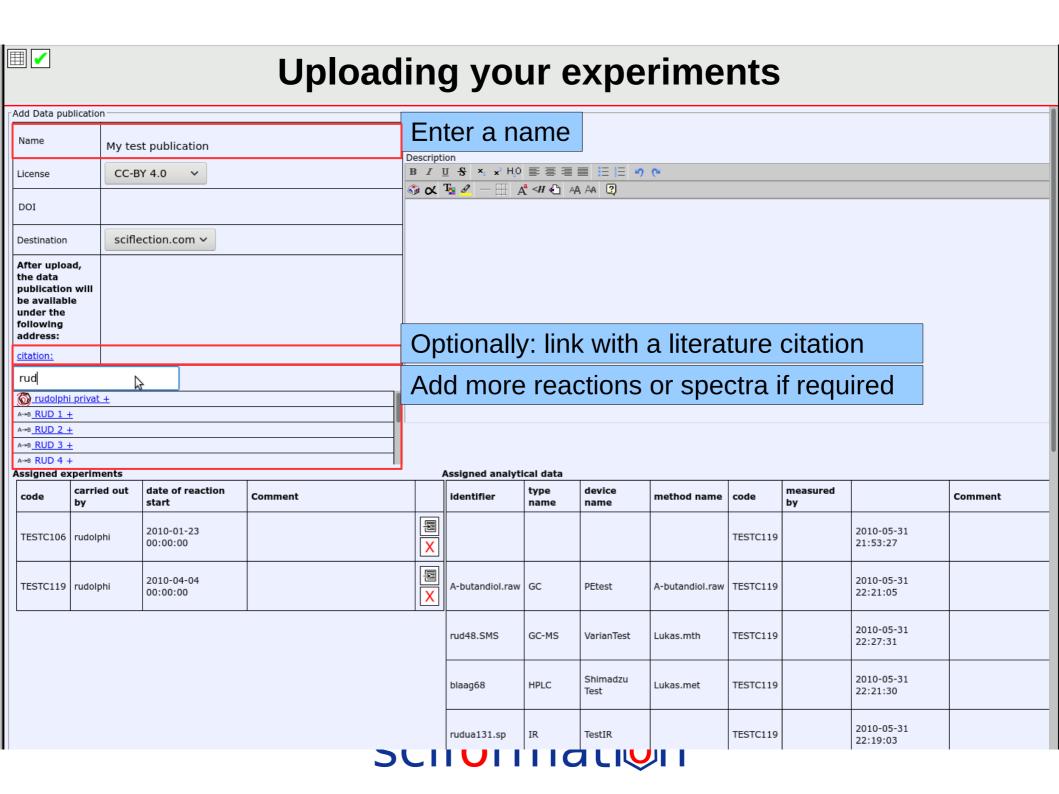
✓ Yes, I accept the terms and conditions and want to create an account at sciflection.com

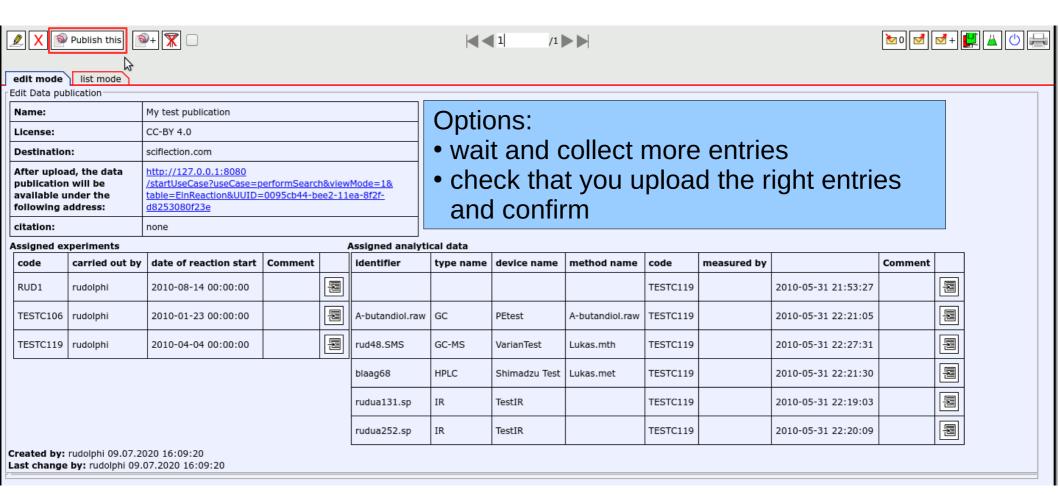




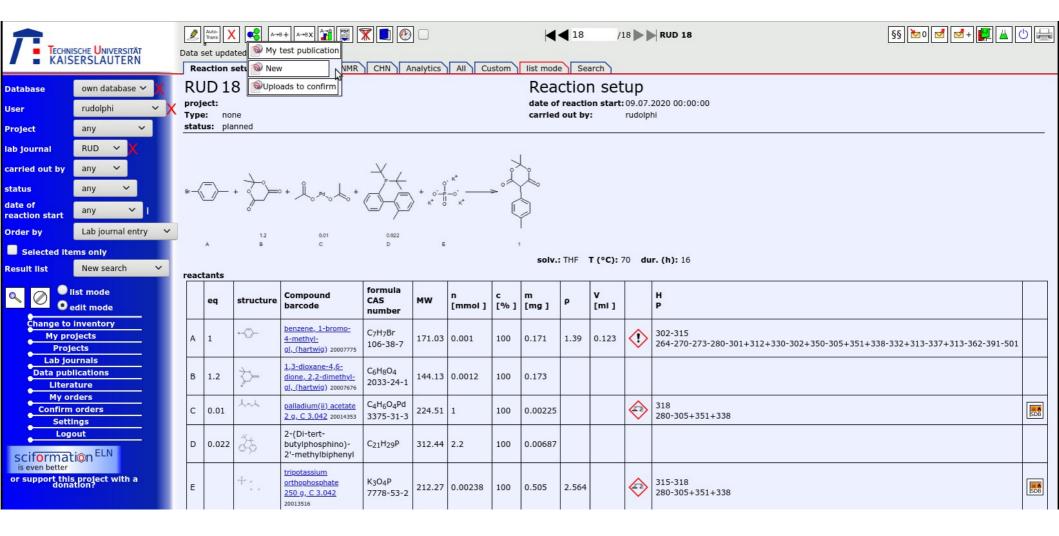




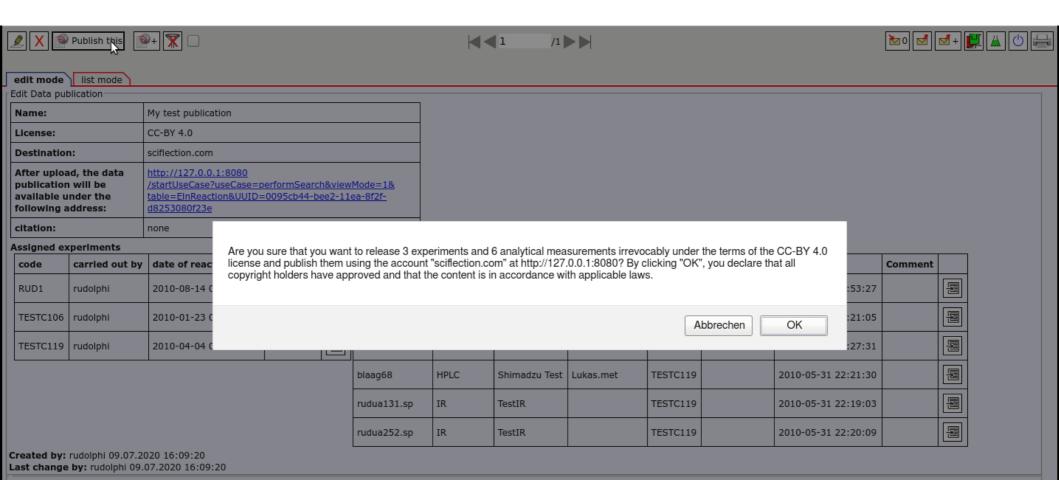












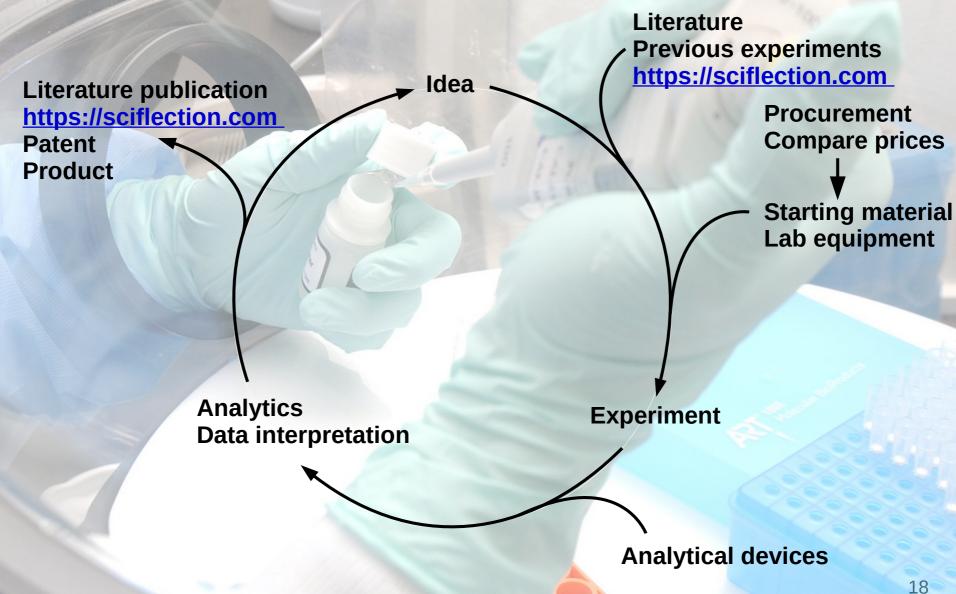


# sciflection

- Signup only required to rate and comment (free)
- Connection from Sciformation ELN or open enventory with about three clicks
- Content under CC-BY licenses (Attribution)
- Every entry can be referenced using a GUID
- Import experiments into Sciformation ELN or open enventory
- API open for other products

https://sciflection.com

# Closing the circle



## Advantages of going digital

Save time

Save money

**Work more safely** 

Explore new horizons

Calculation of amounts

Purchase starting material if you cannot find it

**Risk assessment** 

Use existing data better

Find the starting material

Avoid unnecessary repetitions

**Avoid mistakes** 

Better team coordination

Searching for spectra

Quality of documentation



## **Users of**













































## Thanks for your attention



https://sciformation-demo.eu/intern/2007Sciflection/sciflection\_short\_v.1.pdf

