



COLLABORATIVE DRUG DISCOVERY

Supporting the Future of FAIR Data Management

(...or why we should all be learning about ontologies...)

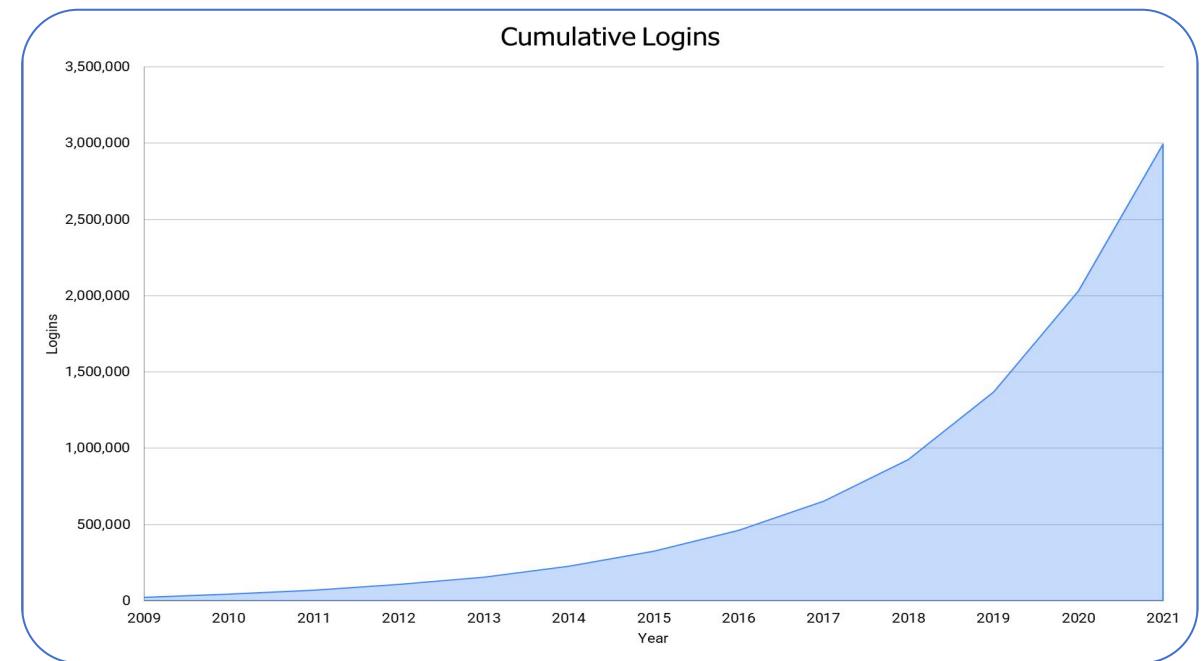
www.cddvault.com

assay.biometadata.com

www.biometadata.com

Collaborative Drug Discovery

Started in San Francisco in 2004, CDD provides cloud-based data management and discovery platforms to the scientific community worldwide. Our software engineers and application scientists have a rich variety of backgrounds and expertise in many fields, which they leverage to support your modern drug research informatics needs.



Three platforms to help you manage your data and metadata

The industry's most trusted cloud-based drug discovery data management platform

Automatically converts your assay metadata into semantic content

Your centralized source for semantic drug data

Manage
e
Annotat
e
Discover
er

NETFLIX



- Benefits of Organization
Your important things become...

- Easy to use
- Preserved and safe
- Sharable

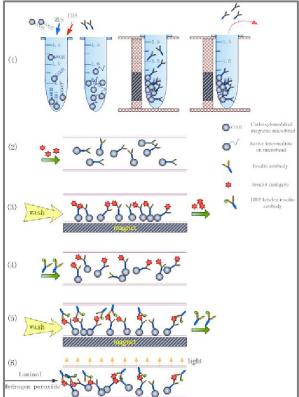
- Benefits of CDD Software
Your critical data becomes...

- Easy to access
- Secure
- Collaborative

BEFORE

AFTER

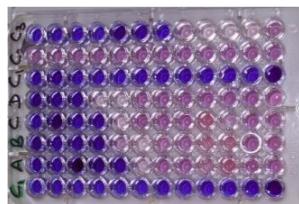
Are you capturing enough data today to answer tomorrow's questions?



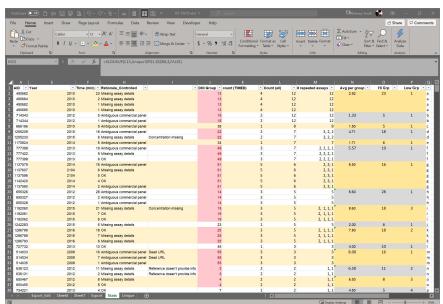
Procedures



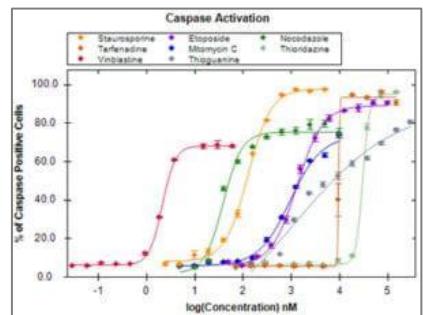
Instrumentation



Samples & Results

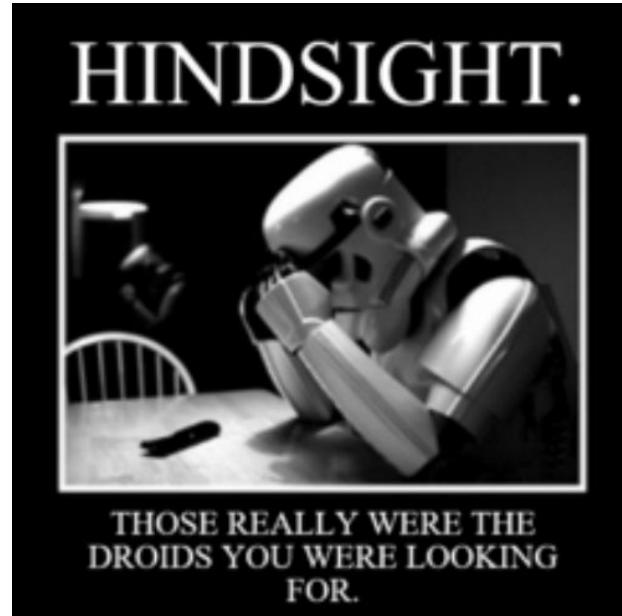


Raw Data & Observations

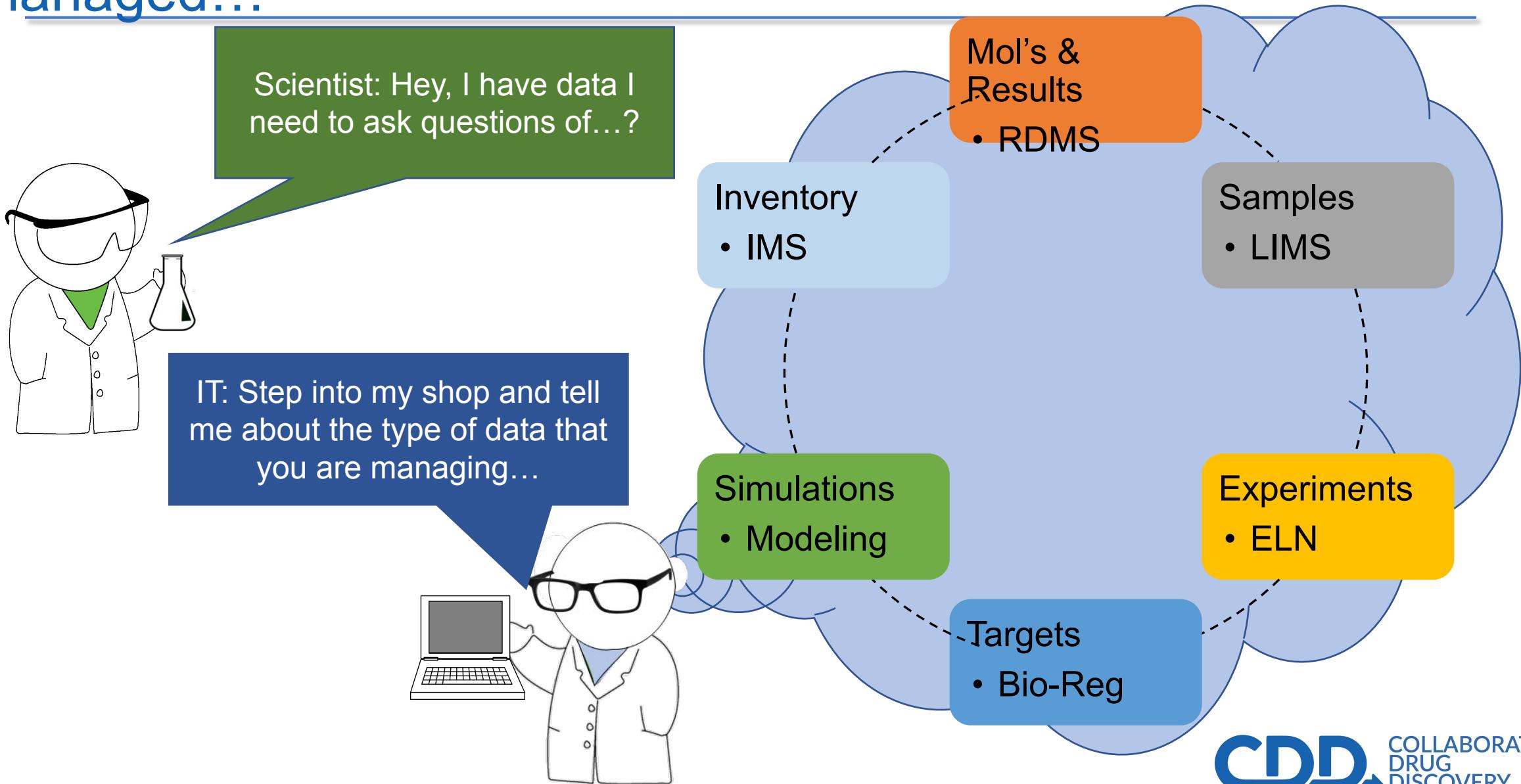


Data Analysis & Assumptions

Compound	Result (mM)	Note
XYZ-0001234	12	Added too much Buffer 1
XYZ-0001235	105	
XYZ-0001236	>200	Didn't look good
XYZ-0001237	<5	
XYZ-0001238	<5	
XYZ-0001239	>200	Looked bad
XYZ-0001240	55	
XYZ-0001241	56	
XYZ-0001242	20	
XYZ-0001243	25	Sent to Fred for follow-up (New Fred, not Old Fred)

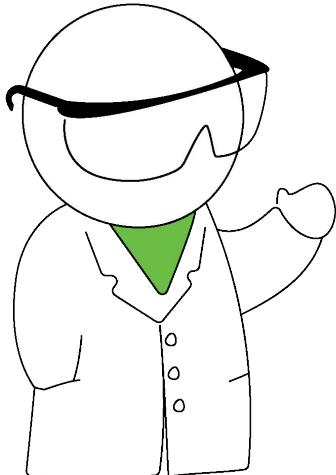


Data management systems center around what's being managed...



Increasingly, the scientist needs to ask questions across systems

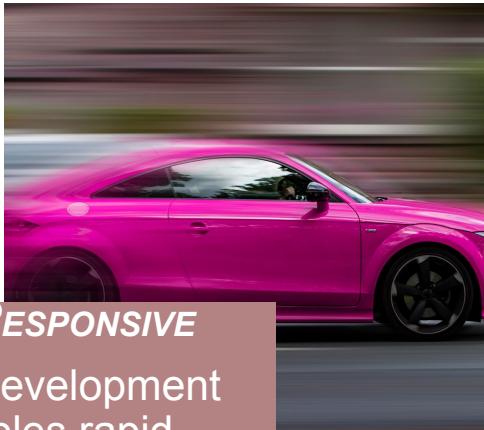
Data



How is CDD addressing these challenges?



BE RECEPTIVE
Listen to customers &
the market



BE RESPONSIVE
Agile development
enables rapid
refinement



BE FLEXIBLE
Modular functionality
that can adapt

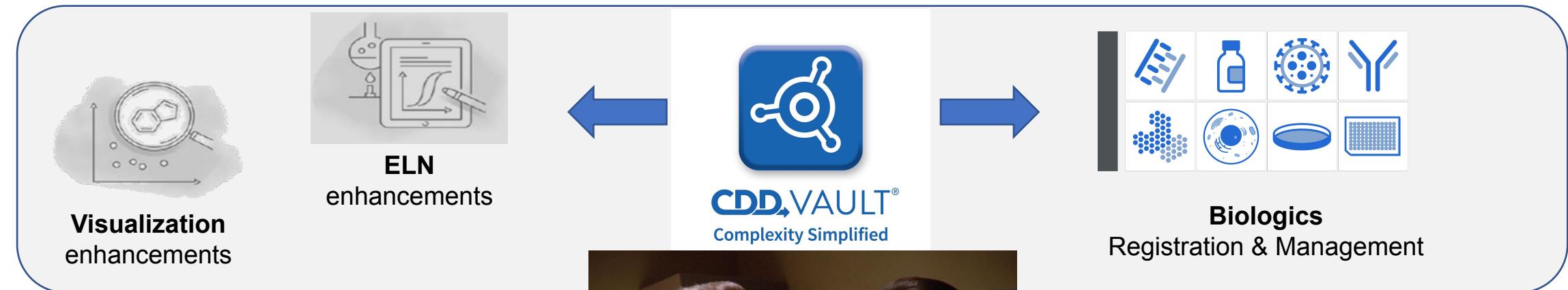


BE VISIONARY
Spend time on
long-term R&D
projects



BE NICE
Work with partners on
integrated solutions

Evolution of our platforms: 2020 - 2022



Enhancing & Harmonizing
Metadata Management



Bulk Annotation
(balance of scale & quality)

Administrative & Configuration
Features



API development /
Integrations

Investigational /
non-approved compounds

How are we doing as an industry in capturing data & metadata?

The Good



Industry recognition
of the issue



Hardware to capture
and store data

The Bad

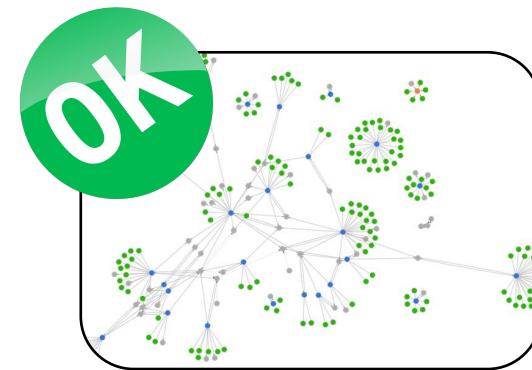


Normal & expected
lab practices for
data



Legal & Regulatory
regimes

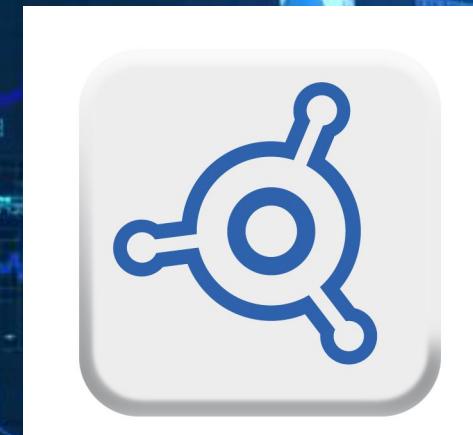
The Promising



Ontologies and data
standards



Software to
organize and
access data



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