





::: medidata





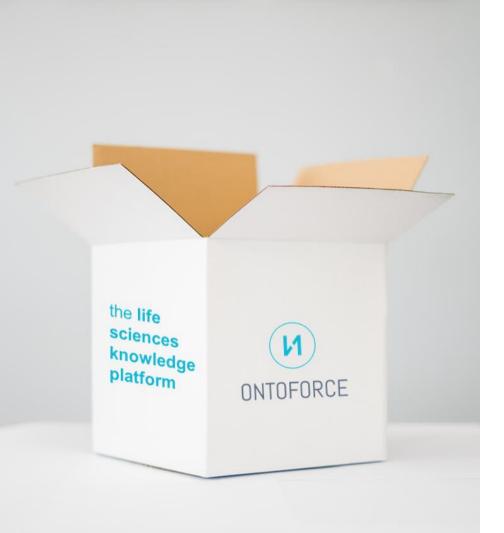
AstraZeneca 2











Company snapshot

- Founded in 2011
- 56 people VC Backed
- EY Scale-up of the year 2018 Deloitte Technology "Fast 50"
- Based in EMEA (Ghent, Belgium) and US (Boston)
- Patented software & data ingestion
- Exclusive focus on the biopharmaceutical industry



::: medidata















Which clinical studies have CT lung data and EGFR expression data?

I would like to get sequencing data for all patients onboarded on oncology trials with cardiovascular adverse events.







Which are all the trials that have been tested fasenra in phase II?

Do we have data for oncology trials with adults patients reporting cardiovascular adverse events?

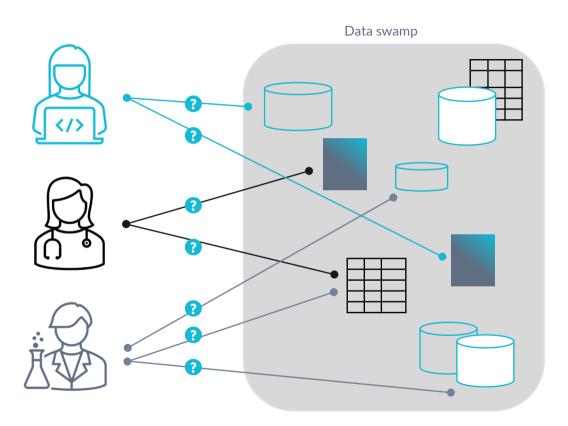
Which clinical sites were involved in studies recruiting patient population with JAK2 V617F mutation and for myeloproliferative diseases?

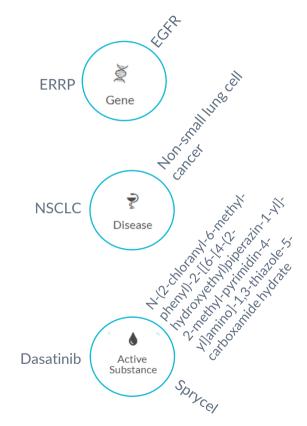
Life Science data is facing an evergrowing data volume, with more complexity and endless difficulties to explore.



As access data platforms become more democratized, the need to collaborate seamlessly increases significantly.

Data Is Siloed And Not Harmonized





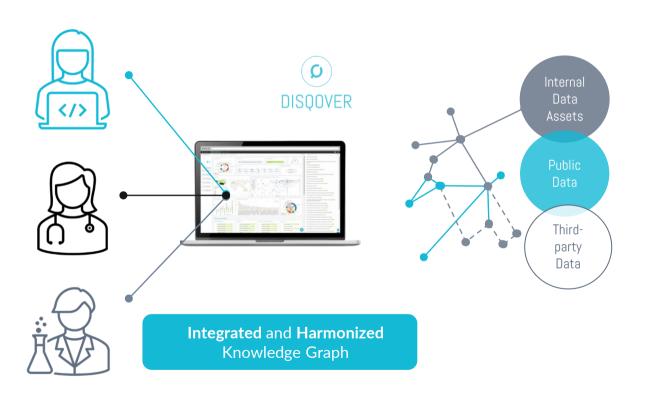


FAIR Data Principles

FROM SILOED DATA TO ACTIONABLE DATA USING FAIR DATA PRINCIPLES



Insights for Life Sciences



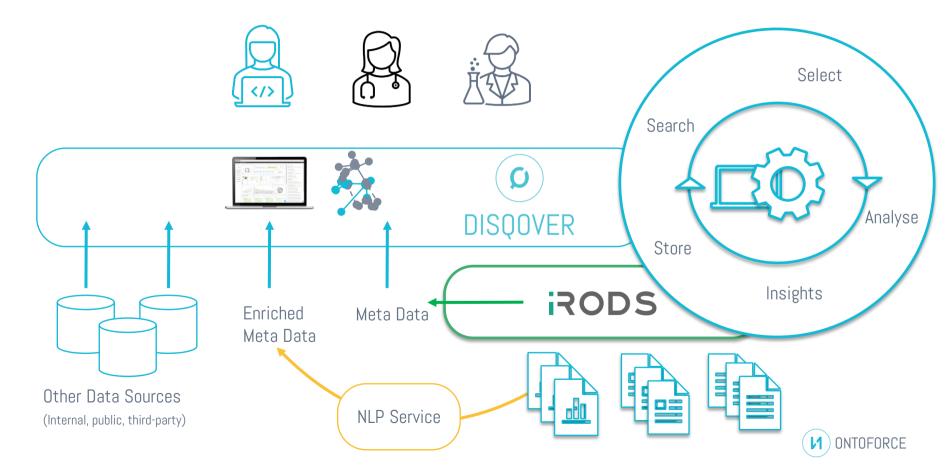


Data Management

Consolidated Data Landscape



Sustainable Data Ecosystem



The platform: DISQOVER

THE **LIFE SCIENCE KNOWLEDGE PLATFORM** THAT LINKS ANY TYPE OF DATA TO DELIVER ACTIONABLE INSIGHTS

INTUITIVE USER INTERFACE

Boost data value extraction and encourage exploration with an engaging interface that caters to the needs of both general and expert users.

INTERACTIVE SEARCH

Avoid information overload and shield users from underlying complexity with interactive data journeys and comprehensive visual dashboards

POWERFUL CUSTOMIZATION

Adapt views and navigation to specific use cases with powerful self-service customization.



INNOVATIVE DATA INTEGRATION

Merge and link siloed data sources, including third-party and public sources, while retaining traceability, and gain insights based on comprehensive source material.

EXPANDABLE PLUGIN ARCHITECTURE

Extend DISQOVER's core functionalities with custom and third-party applications and embed the platform into your enterprise IT ecosystem.

DATA INGESTION PIPELINES

Import, transform and integrate data from different sources using an innovative visual pipeline – no extensive coding required

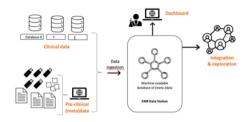


Supporting Data Access along Drug Development



FAIR Data Station

Integration & Exploration



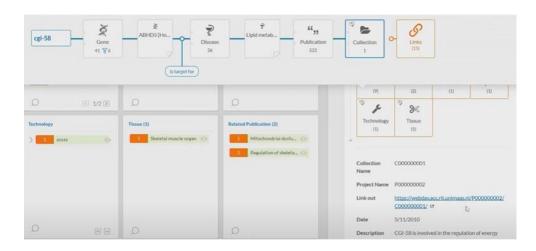


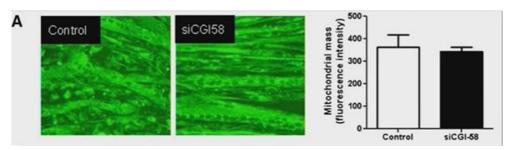
By transforming data as such that it fits to a machine-readable data model, relations between various data types can be automatically inferred and used during data exploration.





Link to iRODS in DISQOVER







Conclusion: Why DISQOVER & iRODS

Without DISQOVER & IRODS	With DISQOVER + IRODS
Data is not FAIR	Data can be reused and reprocessed
Takes days and weeks to get results	Results are instant
Requires 10-40 FTE to maintain	Requires 1-2 FTE to maintain
Data duplication and high storage costs	No duplication and reduced storage costs
Hard to link public & third-party data	Out-of-the-box data linkages





the **life science knowledge platform** that links any type of data to deliver actionable insights

TRY IT NOW ON DISQOVER.COM

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