

CASE STUDY

Pharmaceutical company is reducing the time spent on data curation by 50% with DISCOVER



Industry
Pharmaceutical



Number of employees
+3,000



Location
America

Use case in: Disease prioritization

Our customer

Our customer is an American pharmaceutical company focused on developing treatments and technologies for rare diseases and conditions.

Challenges

Within the universe of rare diseases, our customer needed to choose targets suitable for gene therapy and genomic approaches efficiently.

Choosing the right targets means reviewing a universe of over 7000 rare diseases in multiple data sources. For each specific disease of interest, it is important to determine what clinical trials had been done, what drugs were approved, and what genes were involved. All this information is required to assess which disease areas would be appropriate for a potential therapeutic approach.

Data on rare diseases is particularly disparate, meaning multiple data sources need to be consulted, and there is no possibility to filter by adding criteria in a unified way.

Outcome

By using DISCOVER to filter down from an original 7000 rare diseases, our customer determined which 20 rare diseases to conduct a deeper scientific dive on very quickly. From those 20, they then selected a handful to focus on for therapeutic approaches.

They now have an efficient way to scan through all disorders, with the ability to filter by adding criteria such as prevalence.

Benefits



In ONTOFORCE's tool DISCOVER the links between different ontologies are available out of the box, meaning the various clinical trials are already linked to the rare diseases.



Using DISCOVER reduced the time spent gathering data by approximately 50%.



The connection to the clinicaltrials.gov API was very useful and allowed easy searches.

Results

Users find it incredibly useful to have a tool that has already completed the task of linking the ontologies, as this allows them to analyze the competitive landscape on different diseases quickly without the need for time-consuming manual effort.

Transform data **into knowledge**

About ONTOFORCE

ONTOFORCE helps life sciences organizations accelerate research and drug development for improved patient outcomes by unlocking hidden insights from data. Founded on semantic technology and an ontology-based knowledge graph, their flagship product, DISCOVER, is an intuitive knowledge discovery platform developed specifically for the life sciences industry.

DISCOVER seamlessly connects an organization's internal, siloed data with licensed data and public data in one easy-to-use, customizable platform, enabling efficient data exploration and analysis.

+10,000

DISCOVER
users

13

Awards
won

12

Years of
experience

Unlimited

Data sources
and integrations

Locations

Belgium office

108 Moutstraat street
9000 Gent
+32 93968007

USA office

955 Massachusetts Ave #312
Cambridge, MA 02139
+1 415 996 8988

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