Drug Research Advisor — Target Druggability

The power to reach beyond the data

Presenting Target Druggability the new tool that allows you to interactively explore, rank and validate individual targets or target families, your way.

Target Druggability is the first application in the new Drug Research Advisor suite, the game-changing suite of applications that integrate the three major steps of preclinical research into a single cloud-based workflow. In today's crowded market, Drug Research Advisor provides a reliable, quick and comprehensive view of an indication and its potential.

The power to be best-in-class, to be first-in-class. The power to reach beyond the data.

Make target identification failure a thing of the past

The Drug Research Advisor suite enables faster access to more informed decisions by bringing together the trusted information from Integrity and MetaCore. For the first time you can now interrogate all required, manually curated content types in one space, using the latest visualizations and analytics.

The first application, Target Druggability, empowers target identification research by integrating drug, biological, experimental and competitive intelligence into a single interactive search tool.

- Explore whether there are better targets within the same pathway or target family with less competition.

- Select and identify target preferences based on drug, biological, experimental and competitive intelligence, quickly and easily.

- Compare and contrast potential targets in a single table to validate and align them.

- Rank targets with an algorithm that automatically scores the best results.

- Have more confidence that the decisions made are based on science, and have a stronger likelihood of success.

- Implement a repeatable, enterprise-wide process that ensures that all stakeholders review the same information.

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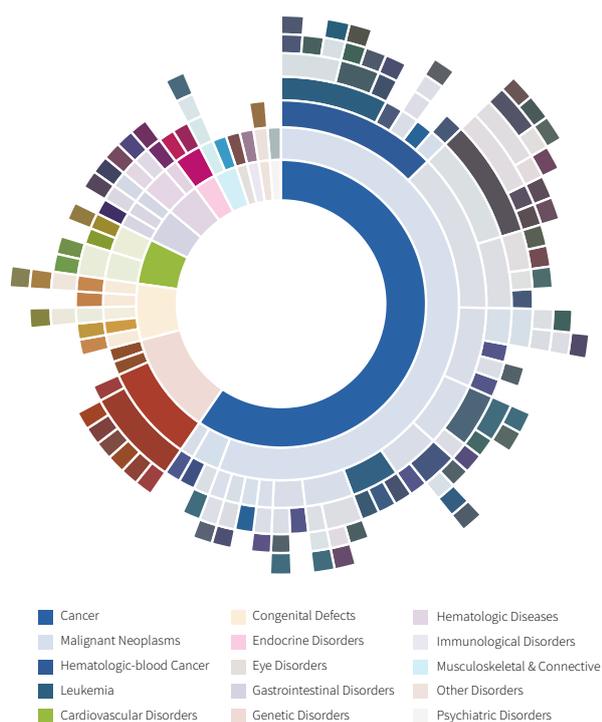## You want to be first, but first you need to be right

Explore – Visualize – Identify

Determine whether there are better targets within the same pathway or target family with less competition. Select and identify target preferences based on drug, biological, experimental & competitive intelligence, quickly and easily. Compare and contrast potential targets in a single table to validate and align them.

Visualizations from Target Druggability

The graph below from Target Druggability shows the relationship between a target and its associated conditions, displayed in hierarchical fashion based on the related evidence.

Figure 1: Tyrosine-protein phosphatase non-receptor type 11.

■ Cancer	■ Congenital Defects	■ Hematologic Diseases
■ Malignant Neoplasms	■ Endocrine Disorders	■ Immunological Disorders
■ Hematologic-blood Cancer	■ Eye Disorders	■ Musculoskeletal & Connective
■ Leukemia	■ Gastrointestinal Disorders	■ Other Disorders
■ Cardiovascular Disorders	■ Genetic Disorders	■ Psychiatric Disorders

Analyze – Rank – Collaborate

A target-prioritization scoring algorithm automatically scores and ranks results. Have more confidence that the decisions made are based on science, and have a stronger likelihood of success. A repeatable, enterprise-wide process ensures that all stakeholders review the same information.

Who can benefit?

- Head of Therapy Area
- Head of R&D
- Medicinal Chemists
- Pharmacologists
- Biochemists
- Biologists
- Preclinical Scientists

What our clients say

"Target Druggability can support researchers with the process of selecting a target for the development of new drugs by providing the right context for decision making." — Dave Deininger, Sr. Research Scientist at Vertex Pharmaceuticals.

"With Target Druggability, I can save roughly 50% of the weekly time spent on this type of analysis and get a more comprehensive overview of interesting targets. With related information charts such as the experimental pharmacology chart I will be able to access very valuable information in a very intuitive way." — Head of Discovery Chemistry, medium-sized pharmaceutical company.

"With Target Druggability, I can have a clear global view of the system I need to investigate in a relatively short time." — Andrea Ferraris, Chemometrician and Computational Chemist at Bracco Imaging.

"The sunburst approach to link targets with conditions is a key advantage of Target Druggability. A scoring/ranking algorithm for target prioritization will help tremendously to connect the dots." — Carlos Faerman, Senior Scientist.

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