

Case Study

### **CITELINE CONSULTING & ANALYTICS**

# Rare disease prioritization model and landscape analysis

### Situation

A global pharmaceutical company required an objective assessment of multiple rare diseases to identify the most promising indications in which to develop preclinical candidate molecules.

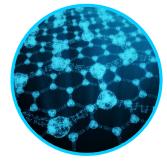


### Approach

Leveraging Citeline's proprietary datasets, our Consulting & Analytics team created a weighted prioritization model to assess each rare disease across multiple areas — including unmet need, market competition, development feasibility, and the client's target product profile — to produce the final ranking and recommendation. Further insight into the highest-ranked diseases was provided by a series of complementary disease landscapes.



### Solution



#### **Prioritization Model**

Citeline created a weighted prioritization model to rank indications as the most attractive development opportunities for a set of preclinical assets.

#### **Ranking Model**

The client received an interactive Excel model, ranking multiple rare diseases as opportunities in which to pursue the development of its portfolio of preclinical candidates.



#### **Parameters**

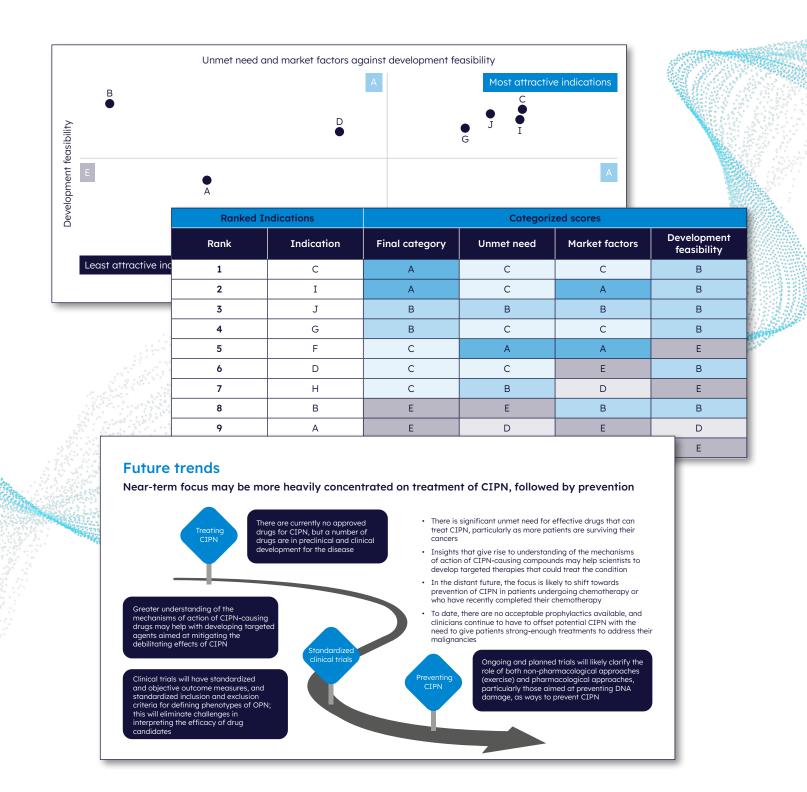
Weightings could be set by the user for four broad parameter groups and over 30 specific sub-parameters.

Model Outputs Model outputs were illustrated using dynamic bubble plots and heat mapping to facilitate the interpretation of final scores.

### Impact

We developed a rigorous prioritization model and complemented it with in-depth disease analysis. The ranking not only highlighted the most promising indications for preclinical candidate molecules but also provided actionable recommendations to guide the client's strategic decision-making. Armed with insightful intelligence, the client could confidently allocate resources and prioritize initiatives that aligned with its overarching goals and objectives.

## Example Deliverables



### Value



Subject-matter expertise on a range of therapy areas to partner with you on your bespoke business needs



Leveraging market-leading products and real-world data (RWD) solutions



Validating, benchmarking, and refining data to assess feasibility



Accurate and credible recommendations you can trust for successful outcomes



Leverage the Citeline Consulting & Analytics team to assess the rare diseases landscape, using our deep domain expertise and access to extensive databases to compile a holistic view of the current landscape with state-of-the-art visualizations and insights.

LEARN MORE



Citeline, a Norstella company, powers a full suite of complementary business intelligence offerings to meet the evolving needs of life science professionals to accelerate the connection of treatments to patients and patients to treatments. These patient-focused solutions and services deliver and analyze data used to drive clinical, commercial, and regulatory-related decisions and create real-world opportunities for growth.

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