



genomiX

Foundational Knowledge Graph
for Medical Insights
and Research

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Why is it important?



Healthcare data represents one-third of the world's data¹



97% of healthcare data is untapped²

Challenges

- Managing vast amounts & sources of data
- Keeping data private, secure, and compliant
- Accessing, sharing, and analyzing data

¹ ["The healthcare data explosion"](#)

² ["The Current State of AI in Healthcare and Where It's Going in 2023"](#)

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What is it?

- Collection of curated data from more than 10 different sources like PubMed, OpenFDA, and KEGG.
- Unparalleled **graph visualization** for immersive insights
- Tools to easily apply advanced **graph traversal** and **clustering** techniques

Explorer

Search in natural language and gain immediate insights in drug and disease communities and clusters.

Search for Drugs, Diseases, or Pathogens

Rheumatoid arthritis



Rheumatoid Arthritis

Disease

48

TREATS

Drug



128

SIGNALS

Symptom



Statistics

108

Skin Manifestations



108

Cough



108

Cheyne-Stokes Respiration



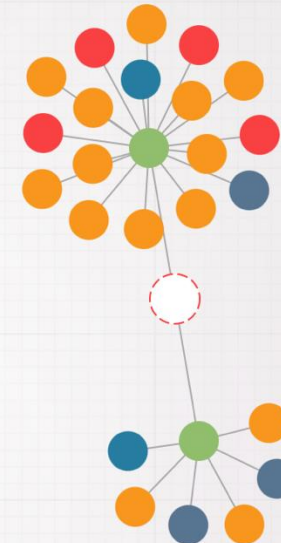
108

Anoxia



108

Purpura, Thrombocytopenic, Idiopathic



NODE COUNT

25

PATH DEPTH

2 hops

NODE LABELS

☒ Select All

☒ Disease

☒ Drug

☒ Symptom

☒ Pathogen

☒ NamedDrug

☒ DrugPackage

☒ ActiveIngredient

☒ Gene

☒ Pathway

☒ Compound

APPLY

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Who is it for?



Researchers

Discover answers to research questions with only a few clicks. GenomiX provides you with visualization tools that unlock relationships and insights from your data never explored before.



General Practitioners

Use real-world genomics data to better diagnose patients. GenomiX provides you with a state of the art diagnostics tool that use the genomiX knowledge graph to unblock alternative treatments and drugs.



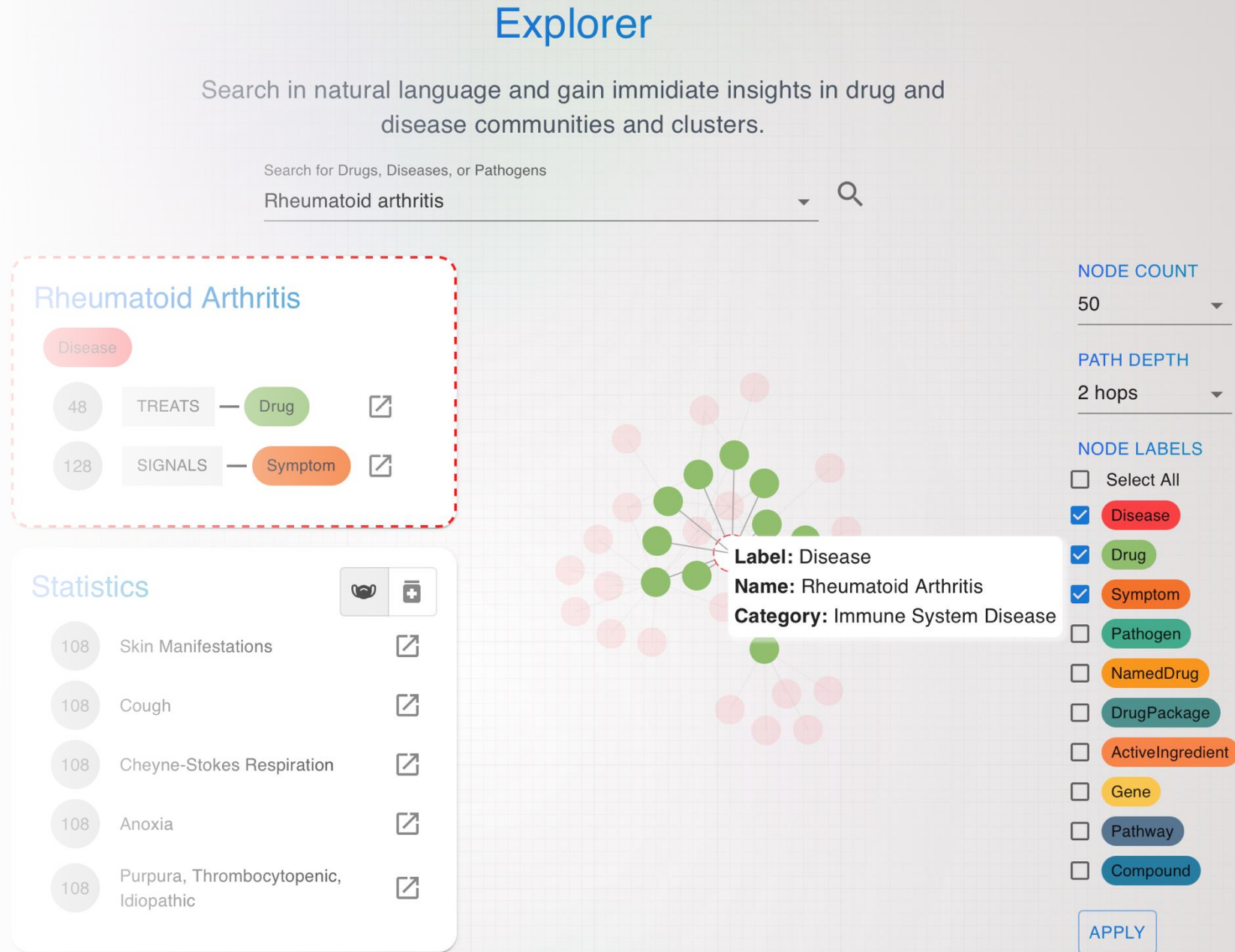
Industry

Generate evidence-based insights to innovate treatments and quickly assess the feasibility of wet lab testing. Use the genomiX knowledge graph to explore neighborhoods of diseases, drugs, gene expressions, and more.

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How it works?

- Real time **dynamic graph** network simulation
- Quick cluster **statistics**
- Granular control over algorithm parameters for **fine-tuned exploration**



genomiX Community

- Make your research **public** and **share** it with other users
- Explore the **subgraphs** and research of other users
- Find topics of interest using **semantic search**

Community

Explore the community of Genomix. Check out what graphs other users have created. Pick up a graph to get started and create your own.

Research Title

Public



2024-04-02 13:42:27

By martinmaksimov

Docatex

Research on prostate cancer

NODE COUNT

PATH DEPTH

25

Nodes

2

Hops

NODE LABELS

Disease

Drug

Symptom

Pathogen

NamedDrug

DrugPackage

ActiveIngredient

Gene

Pathway

Compound

NOTES

Add notes here

Public



2024-03-18 12:15:17

By martinmaksimov

Alagille Syndrome

Deafness, paralysis

NODE COUNT

PATH DEPTH

25

Nodes

2

Hops

NODE LABELS

Disease

Drug

Symptom

Pathogen

NamedDrug

DrugPackage

ActiveIngredient

Gene

Pathway

Compound

Public



2024-03-15 16:39:42

By martinmaksimov