Rx_KnowledgeBase Web App and dataset Rx_Mappy by Lend-Rx Technology

Summary

1 | **RX DATA**

Therapeutics, Company Portfolio and Pipeline, Therapeutic by disease/DrugType/Biological Targets, Clinical Trials...

2 | **COVERAGE**

5000+ Companies, 1500 Tickers, 20K+ Therapeutics,
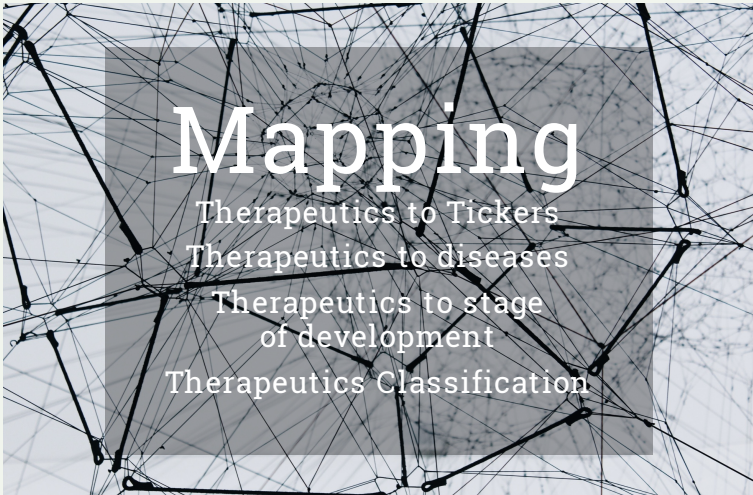
3 | **ACCESS**

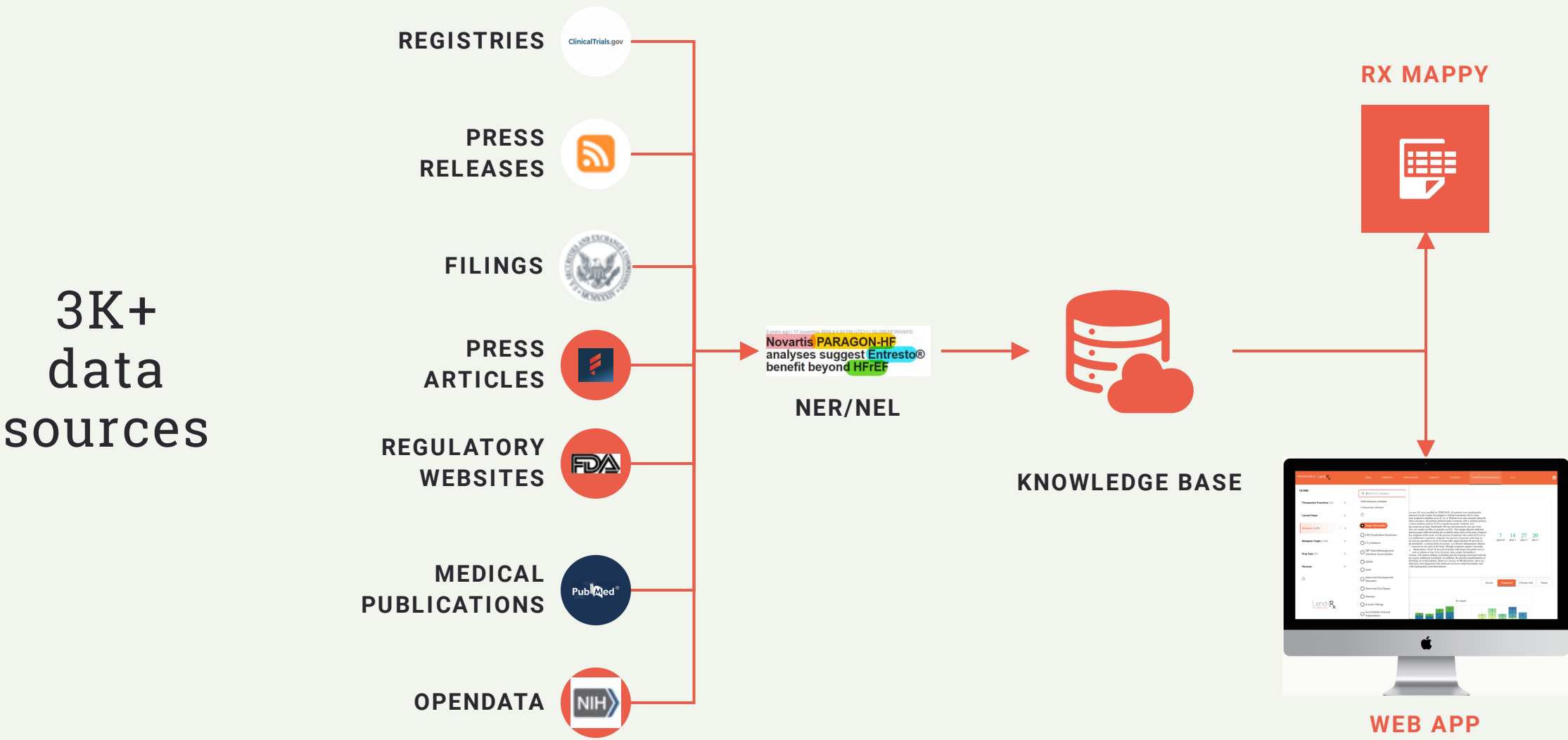WebApp Platform and Historical Point in Time Datasets

4 | **USE CASES**

Competitive Intelligence, Company and Product, Data Enrichment

Biotech and Pharma

—

DATA COVERAGE

5000
Companies
PRIVATE AND 1500 LISTED
GLOBAL

20000
Therapeutics
FROM PRECLINICAL TO GENERIC
Classification covering all stage of development

Mapping
Therapeutics to Tickers
Therapeutics to diseases
Therapeutics to stage of development
Therapeutics Classification

DAILY UPDATE AND DELIVERY

HISTORY
Since 2016

A.I. EXTRACTION, LINKING AND ENRICHMENT OF INFORMATION WITH HUMAN IN THE LOOP

3K+ data sources

REGISTRIES

PRESS RELEASES

FILINGS

PRESS ARTICLES

REGULATORY WEBSITES

MEDICAL PUBLICATIONS

OPENDATA

NER/NEL

KNOWLEDGE BASE

RX MAPPY

WEB APP

Taxonomies, Ontology and Mapping

THERAPEUTICS TAXONOMY

One permanent Id for each therapeutics whatever its synonyms

Link to additional identifier: NDC, Registration Id, Consensus Id

THERAPEUTICS TO COMPANIES MAPPING

Historical Point in time M&A, partnerships…

Clean Company Name

Tickerization

THERAPEUTICS MATURITY MAPPING

Historical Point in time

R&D phases to Approval

By diseases

THERAPEUTICS METADATA

Clean Diseases Names

Biological Targets

Drug types

THERAPEUTICS KPI'S

First in class compound

Supplemental indication

Biological Target validated

…

Datasets Delivery : A weekly or Daily Delivery through S3

4 Drug Metadata

The **Drug Metadata** dataset below provides dynamic data at the **therapeutic level**: for a given timestamp of release (RELEASE_DATE) and for each drug (DRUG_ID), we provide : diseases targeted by the therapeutic (TREATMENT), phase (TREATMENT_CURRENT_PHASE), Start date (TREATMENT_CURRENT_PHASE_START) and End date (TREATMENT_CURRENT_PHASE_END) of the disease trial for the drug. Additional drug metada such as type of drugs (DRUG_TYPE), drugs biological target (DRUG_TARGET). The file contains also Therapeutics KPIs such as: is the current treatment is a supplemental condition (sNDA) for the Drug (DRUG_ALREADY_APPROVED), is the Drug a First in Class for a disease (DRUG_FIRST_IN_CLASS), and upcoming Catalysts and expected date. Weekly files delivered each Monday (cf. RELEASE_DATE) are FULL REFRESH of Therapeutics data meaning that the file contains all historical data and information updated the previous Friday.

Column Name	Description	Format	Example
DRUG_ID	Unique identifier of the drug	long integer	10729
DRUG_NAMES	Names of the drug, Names of the drug are separeted by pipe (not available in trial version)	string, pipe separator	Keytruda
VALUE_DATE	Date of **validity of the information** (UTC). Information known the previous Friday (D-3) before Data Delivery at Release Day (D)	yyyy-MM-dd	2020-09-21
COMPUTATION_TIME	Date of computation of information. Convention : All information dated at VALUE_DATE are computed the next Monday (same date than delivery) starting at 7:30 UTC.	yyyy-MM-dd HH:mm:ss zzz	2020-09-24 07:30:00 UTC
RELEASE_TIME	Timestamp for the moment of data release. For now data is delivered **each Monday at 12:00 UTC**	yyyy-MM-dd HH:mm:ss zzz	2020-09-24 12:00:00 UTC
RELEASE_DATE	Date of data delivery (UTC). Noon UTC each	yyyy-MM-dd	2020-09-24
DRUG_CURRENT_PHASE	Drug's most advanced clinical stage, phase, nda/bla, approved	string	phase 3
DISEASE_NAME	Name of the disease within Lend-Rx Database. Convention : All disease synonyms from sources are disambiguated with Lend-Rx NLP platform.	string	Lung Cancer
DISEASE_ID	Unique identifier for the disease	long integer	460
TREATMENT_PHASE	Drug clinical stage for the disease, phase, nda/bla, approved	string	phase 3
TREATMENT_PHASE_START	VALUE DATE (refered a last update posted in clinical trial.gov for instance) of the effective start (meaning that recuitement started) of the treatment (drug+disease) for the Therapeutic.	yyyy-MM-dd	2011-03-11
TREATMENT_PHASE_END	VALUE_DATE (refered as a last update posted in clinicaltrial.gov for instance) at which drug ends treatment (drug+disease) phase. End of treatment phase can be : moving to next development stage (see TREATMENT_PHASE_START) or end phase for termination and expected time for end of trial phase when date is superior to the RELEASE_DATE. For Drug Approved, Date is	yyyy-MM-dd	2018-12-31
TARGET_NAMES	Name of the biological targets of the drug. When Therapeutics act on several targets, target name are separated by Pipe separator	string	PD-1
TARGET_ID	Unique identifier for the biological targets of the drug. When Therapeutics act on several targets, target Id are separated by Pipe separator	long integer	1578
DRUG_TYPE	Name of the Drug Type of the drug: ex Monoclonal Antibody, ADC, etc	string	Monoclonal Antibody
DRUG_TYPE_ID	Unique identifier for the drug type	long integer	15
INACTIVE_TREATMENT	Is the Drug has no treatment ongoing at release date over the last 6 months	Boolean	FALSE
DRUG_ALREADY_APPROVED	Is the Drug already approved for at least one condition at release date	Boolean	TRUE
DRUG_FIRST_IN_CLASS	Is Drug with Disease and Target FIRST IN CLASS, meaning the drug has a novel biological target to address the disease and is the most advanced	Boolean	TRUE
DRUG_TARGET_APPROVED	Is the Target for the Disease has been already approved by regulator	Boolean	TRUE
DRUG_NEXT_CATALYST_TYPE	Next expected catalyst for the Treatment; for example: Primary Completion date, PDUFA	String	PDUFA
DRUG_NEXT_CATALYST_DATE	Expected Date of the next catalyst	yyyy-MM-dd	TRUE

- Comprehensive and Quant Friendly Dataset
- Historical Point in Time Data since 2016
- Daily update with from 30 minutes to 24 hours lag
- Historical Data for Trial
- Download DataDictionary

Web Application DashBoards content

Data vizualization tool, Data download, Report production

COMPETITIVE INTELLIGENCE

Therapeutics by Disease, Drug Targets, Drug Type

Clinical Trials by Disease mapped to Press Releases

Press Releases by Disease, Topics, Date

Catalysts by Disease, Date

COMPANY

Portfolio and Pipeline

Partnerships by Therapeutics

Active Clinical Trials mapped to Press Releases

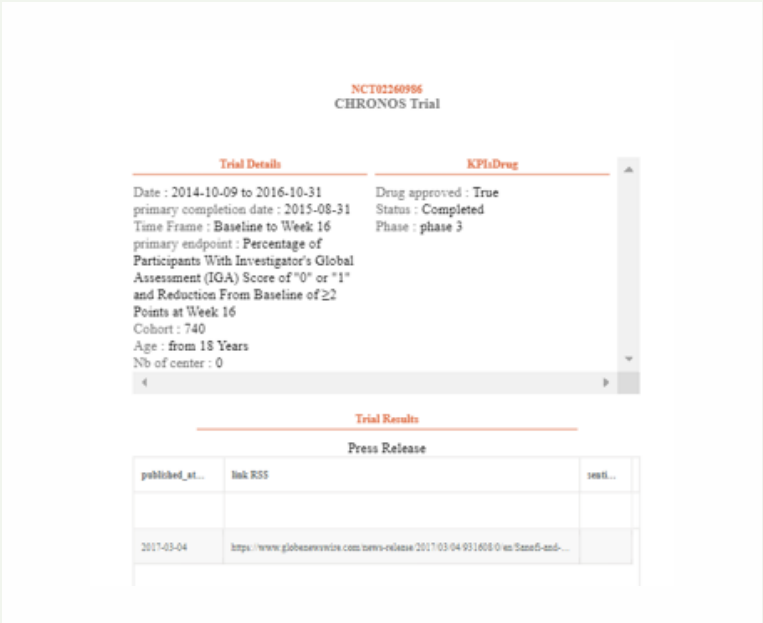News classify by Topic and Sentiment

Catalysts

THERAPEUTIC

Conditions by Phase

Therapeutic metadata and KPIs

Historical and Current Clinical Trials

Press Releases with topic and sentiment

Catalysts

Transparency of information

Reach underlying source of information through a simple click
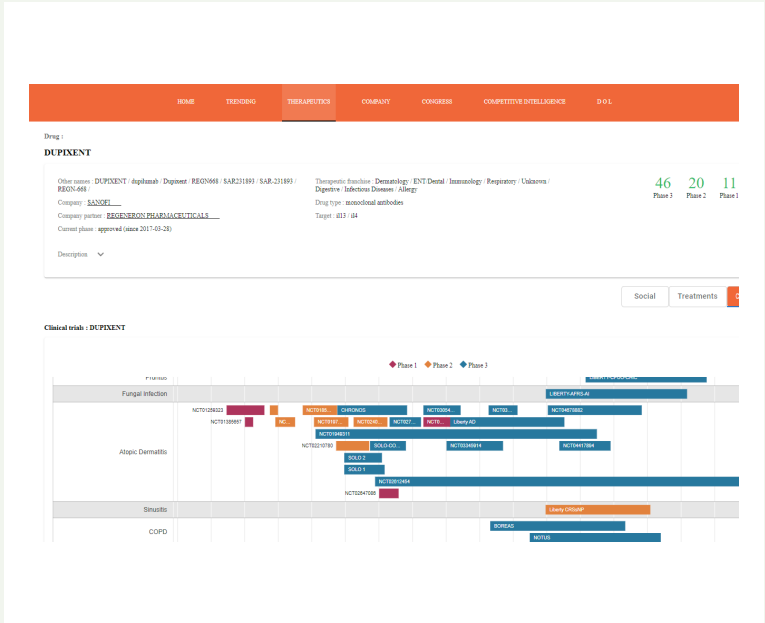
CLICK ON DATA OF INTEREST

TO HAVE MORE DETAIL

AND REACH THE SOURCE OF INFORMATION

Therapeutics Dashboard overview

20K+ Therapeutics, Global coverage
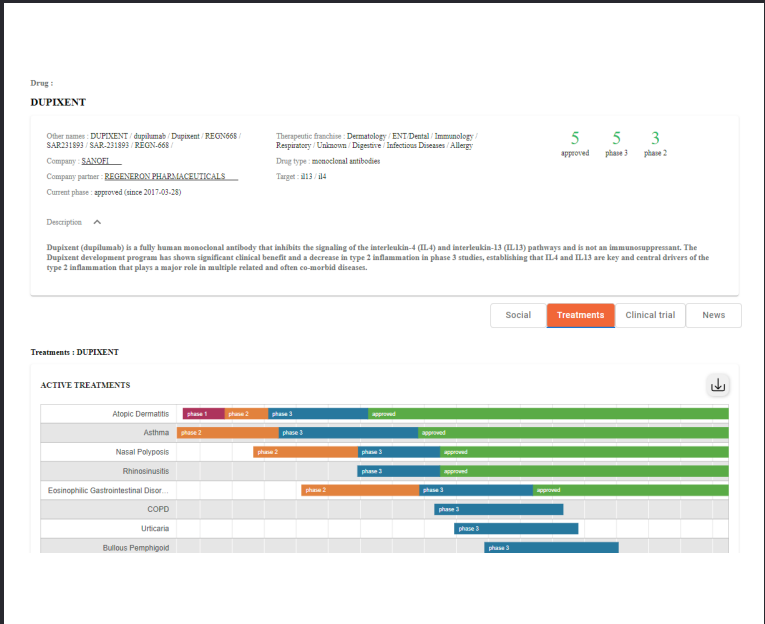
THERAPEUTICS DETAIL

Live and terminated conditions

Therapeutics metadata

Therapeutics Partner
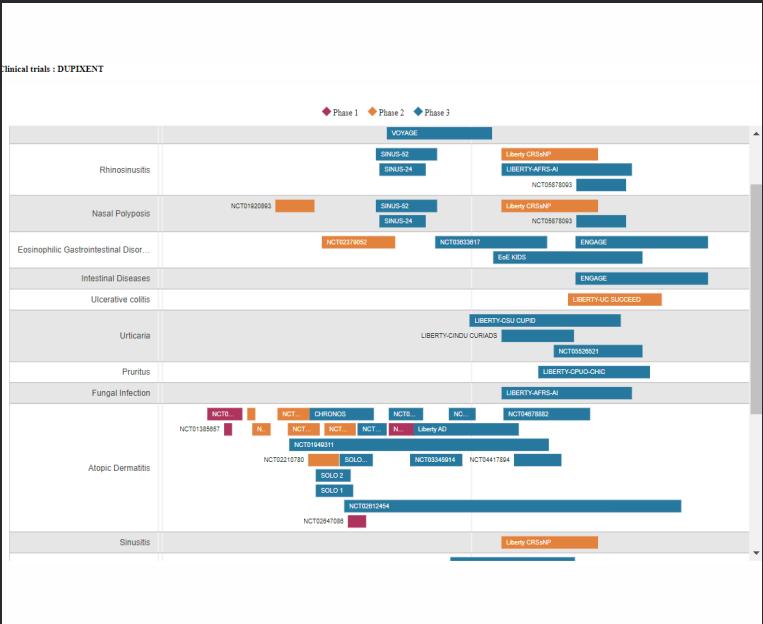
CLINICAL TRIALS

Historical and Current

Access to details and related Press Releases

THERAPEUTIC SALES & EXPECTATIONS

Companies Dashboard overview

5K+ Companies, 1.5K Tickers
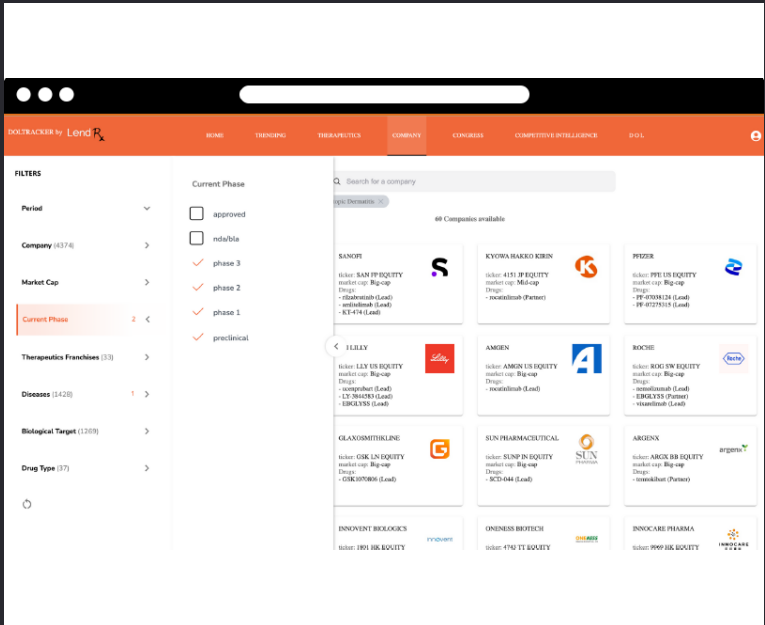
FILTERING

Search companies by
Conditions/Technology/Maturity

PORTFOLIO AND PIPELINE

Visualize in graph or tabs

Download data
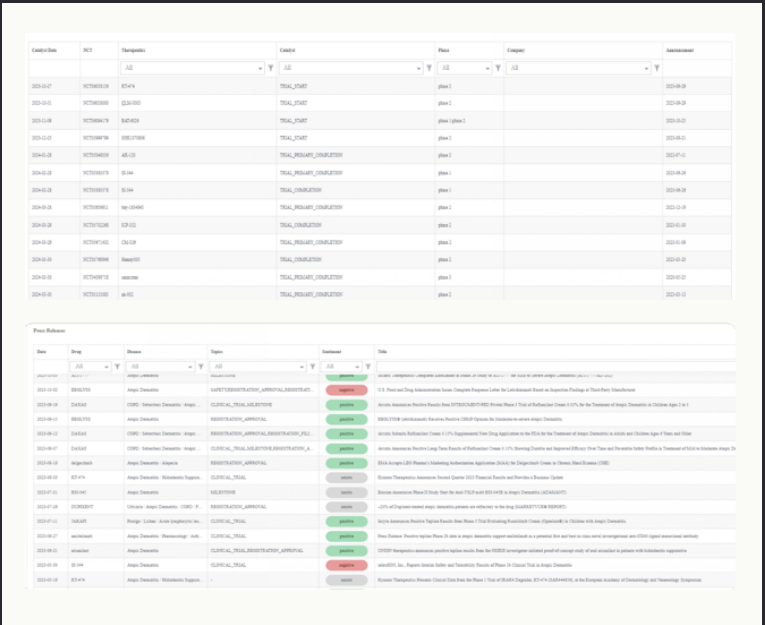
NEWS&CATALYSTS

News Classified by Topics

Upcoming Company Catalysts

Competitive Intelligence Dashboard overview

1.5K diseases, 1K+ Therapeutic Targets, circa 30 Technologies
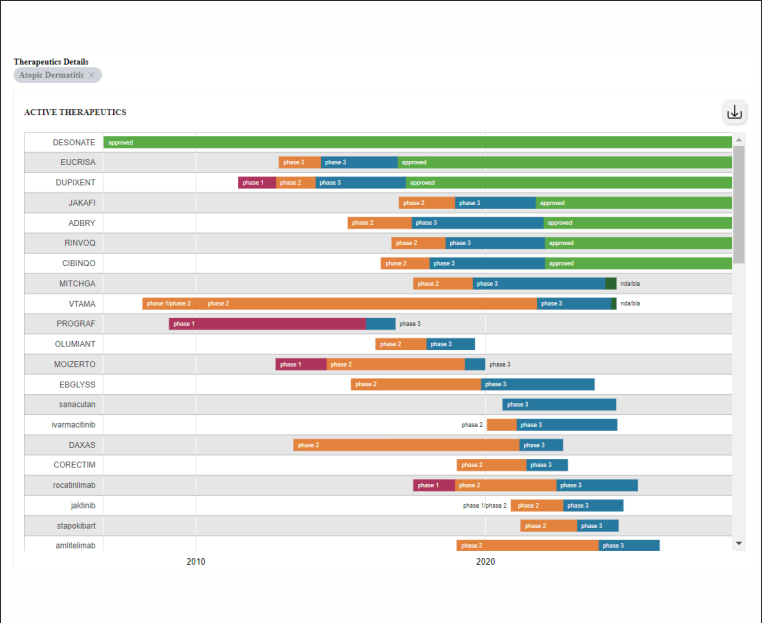
THERAPEUTIC COMPETITION

Current and Upcoming

By Timing, By Revenue
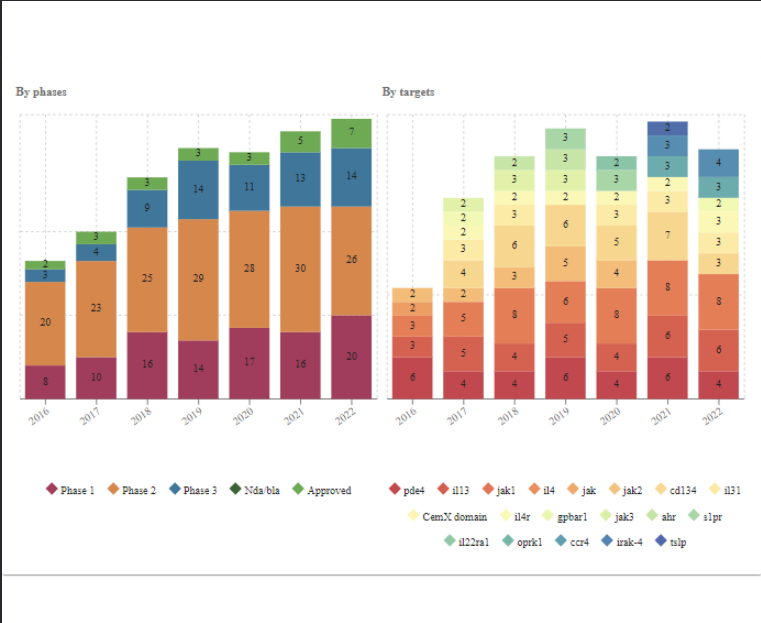
CLINICAL TRIALS

Ongoing by Phase

Reach details for Data transparency

NEWS&CATALYSTS

News Classifier by Topics/Phase/Date

Upcoming Events: Trial Results/Registration Milestones/Congress

You've heard from us.

we want to hear from **you.**

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