



ATLAS OF INFLAMMATION RESOLUTION

Summary

The **Atlas of Inflammation Resolution (AIR)** is a web-based resource, developed to visualize cellular and molecular processes involved in the resolution of acute inflammation. The AIR provides a resource for clinicians and researchers to analyse their data, examine existing knowledge or develop new hypotheses.

Comprehensive: >1600 nodes, >5000 experimentally validated interactions

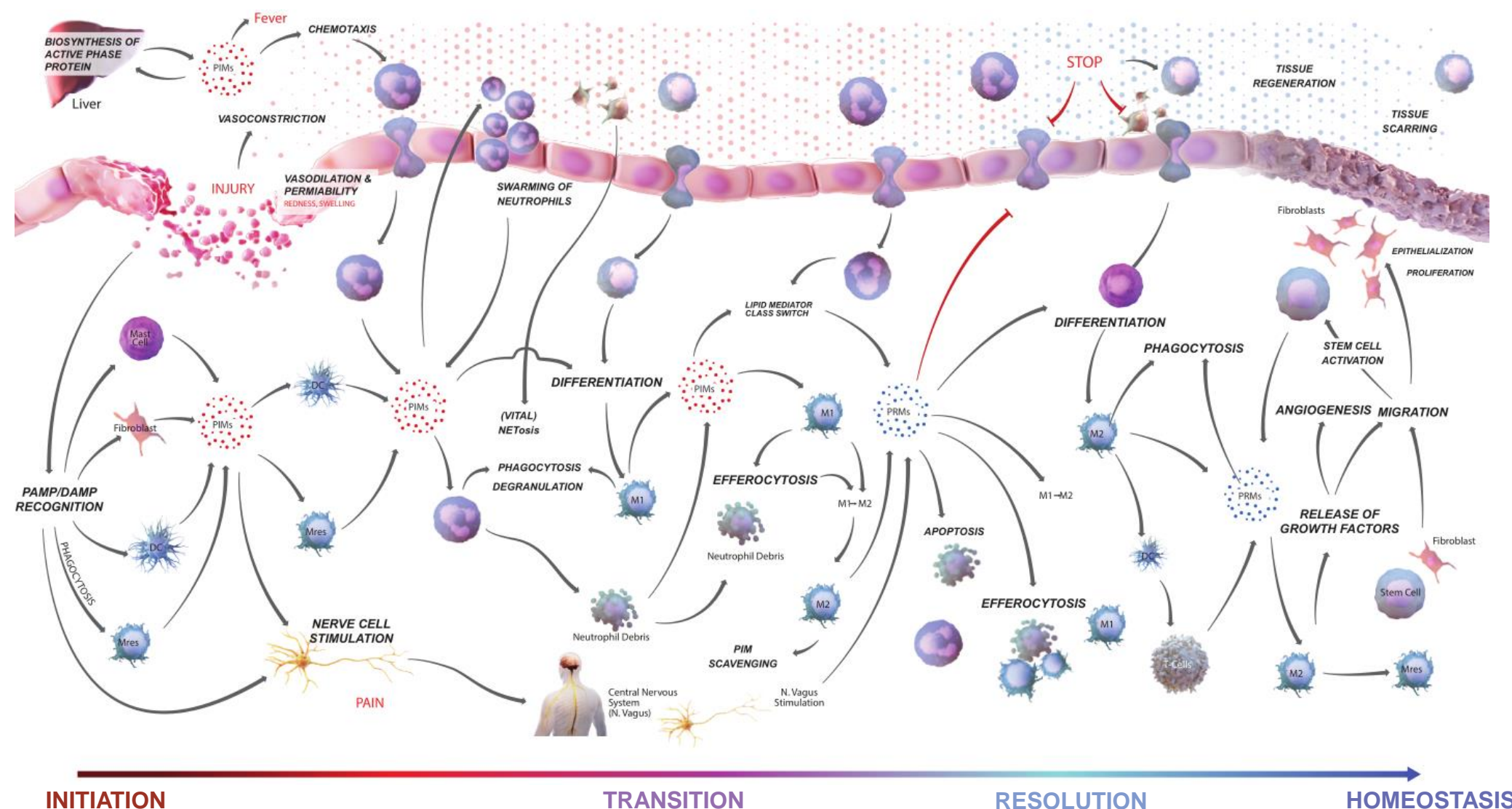
Connected: Portal to DrugBank, ChEMBL, UniProt, GenBank, Reactome and PubMed

Research tool: Accessible for *in silico* analyses and mapping of experimental data

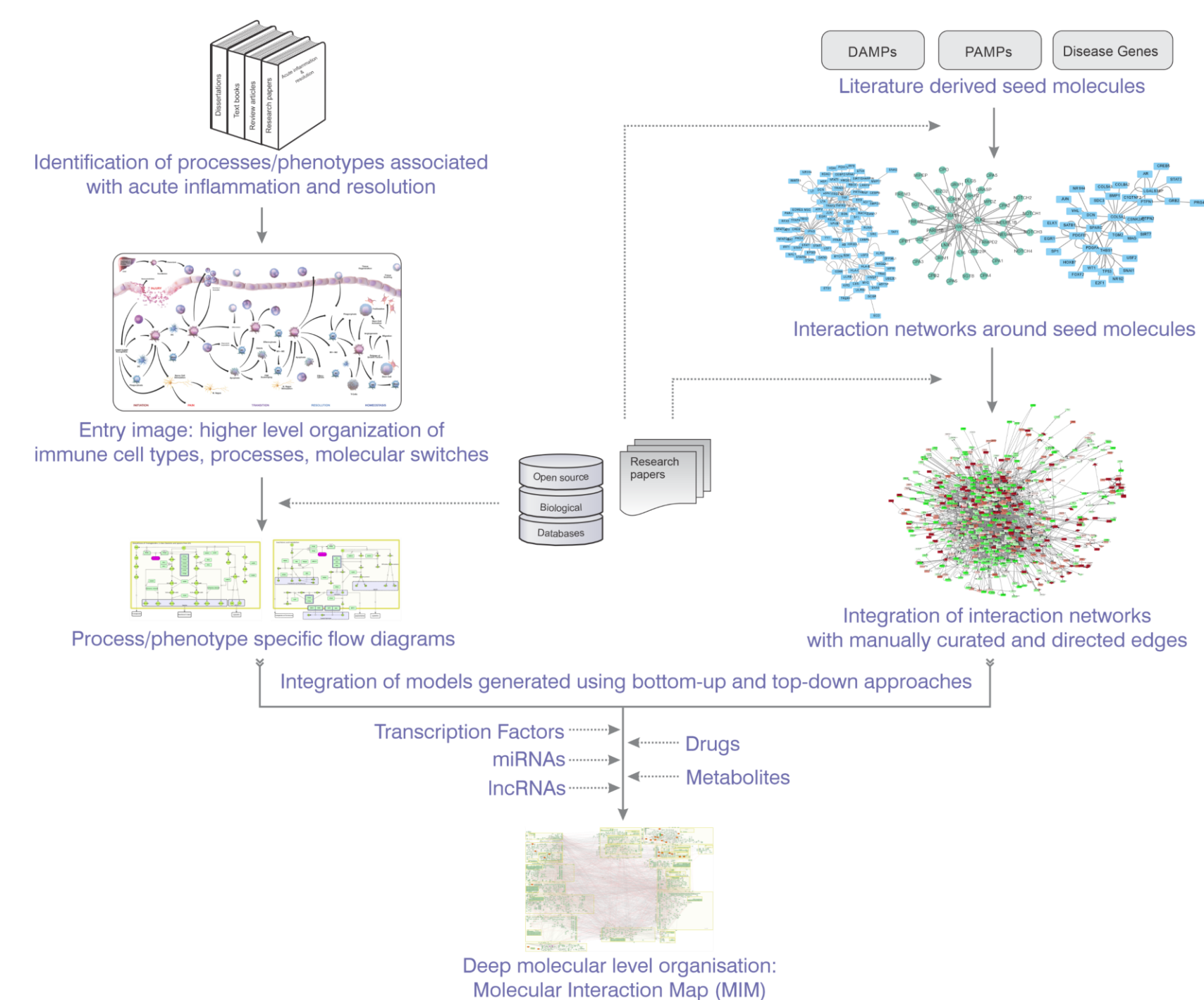
Interactive: Searchable, scalable, web-based visualisation with user access control

Rigorous & transparent: All interactions PubMed referenced; standardised formats

Open science: Supports community building



Construction & Organization

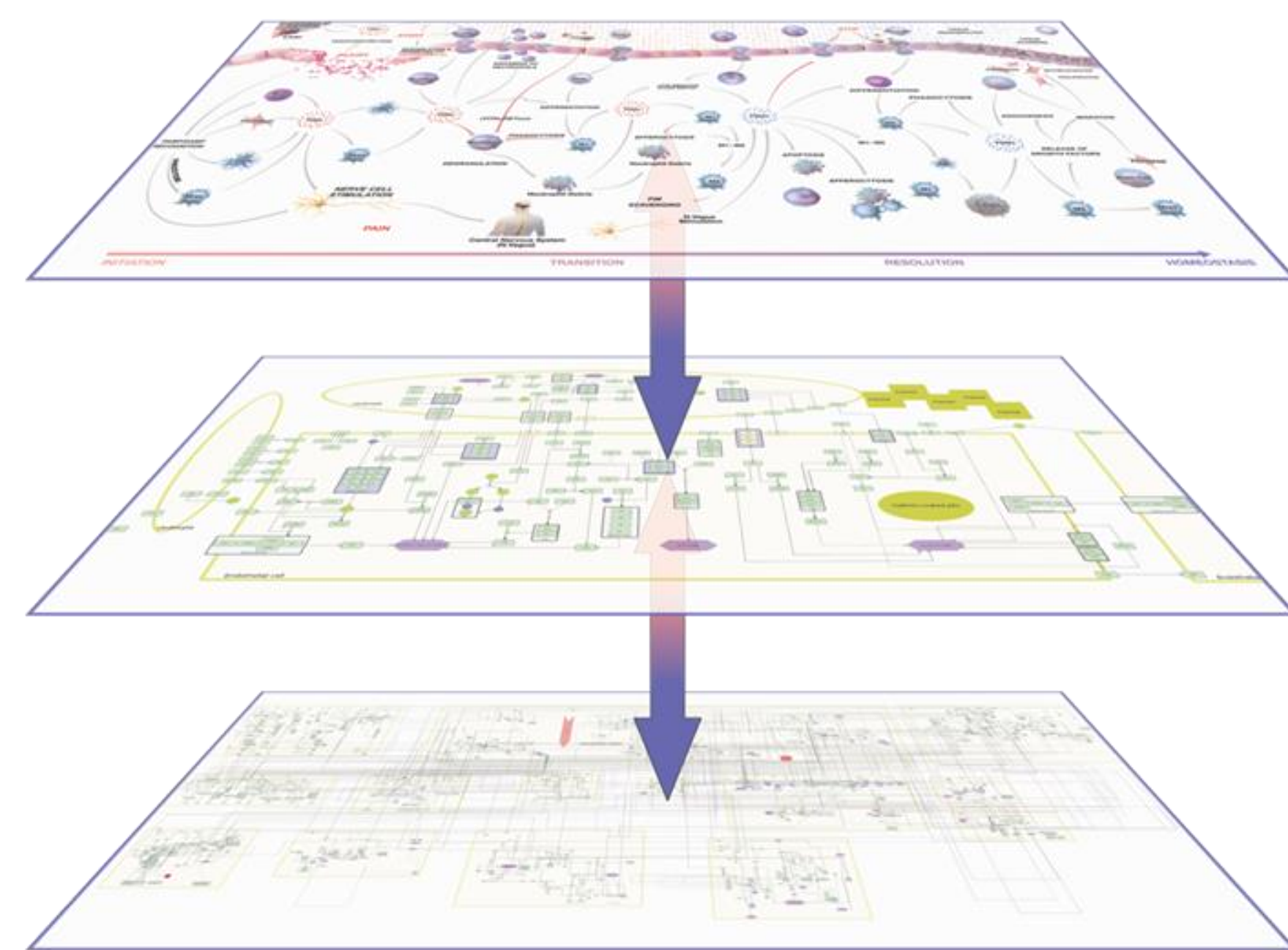


The AIR contains information from recent literature and established databases

Phenotype layer

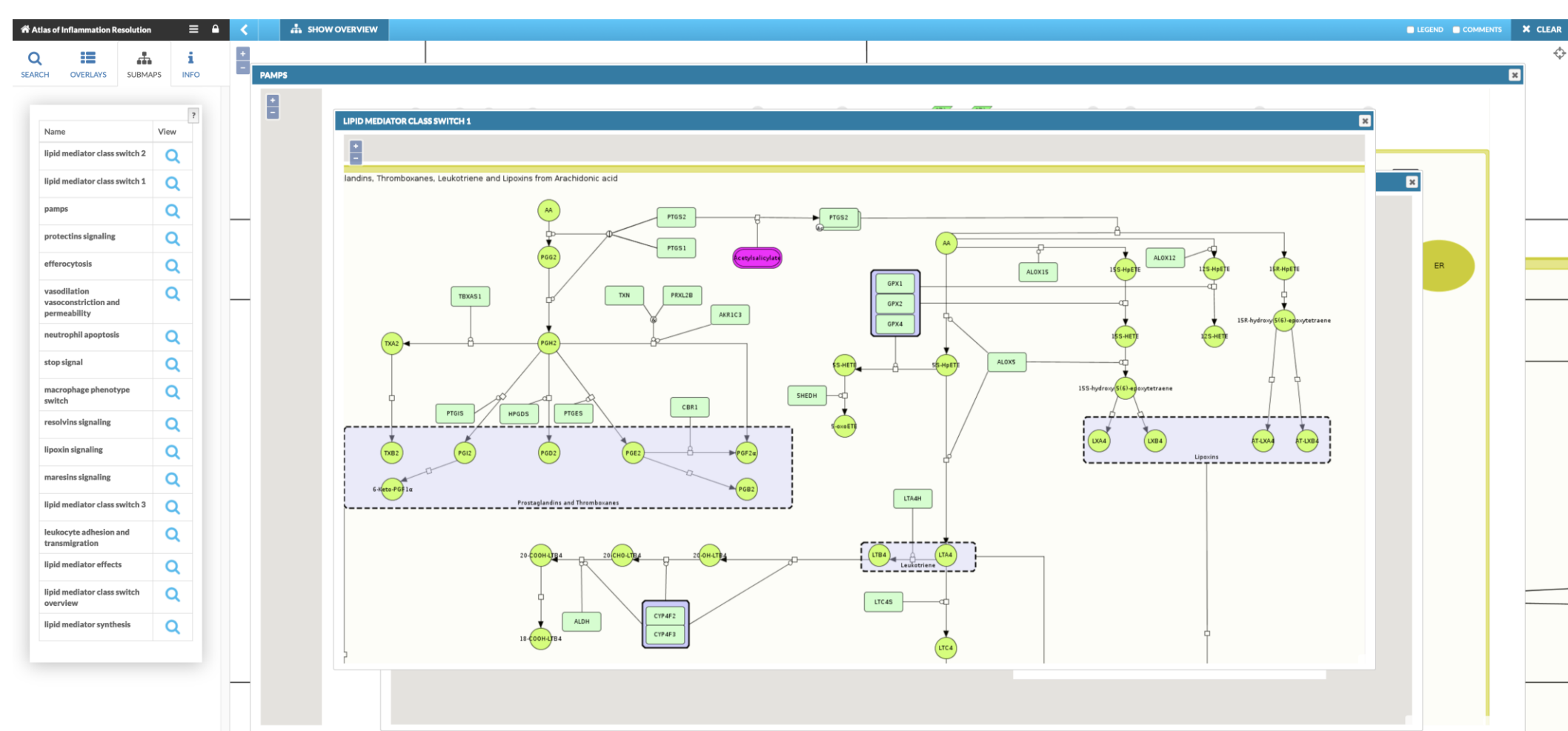
Process layer

Molecular Interaction Map (MIM)

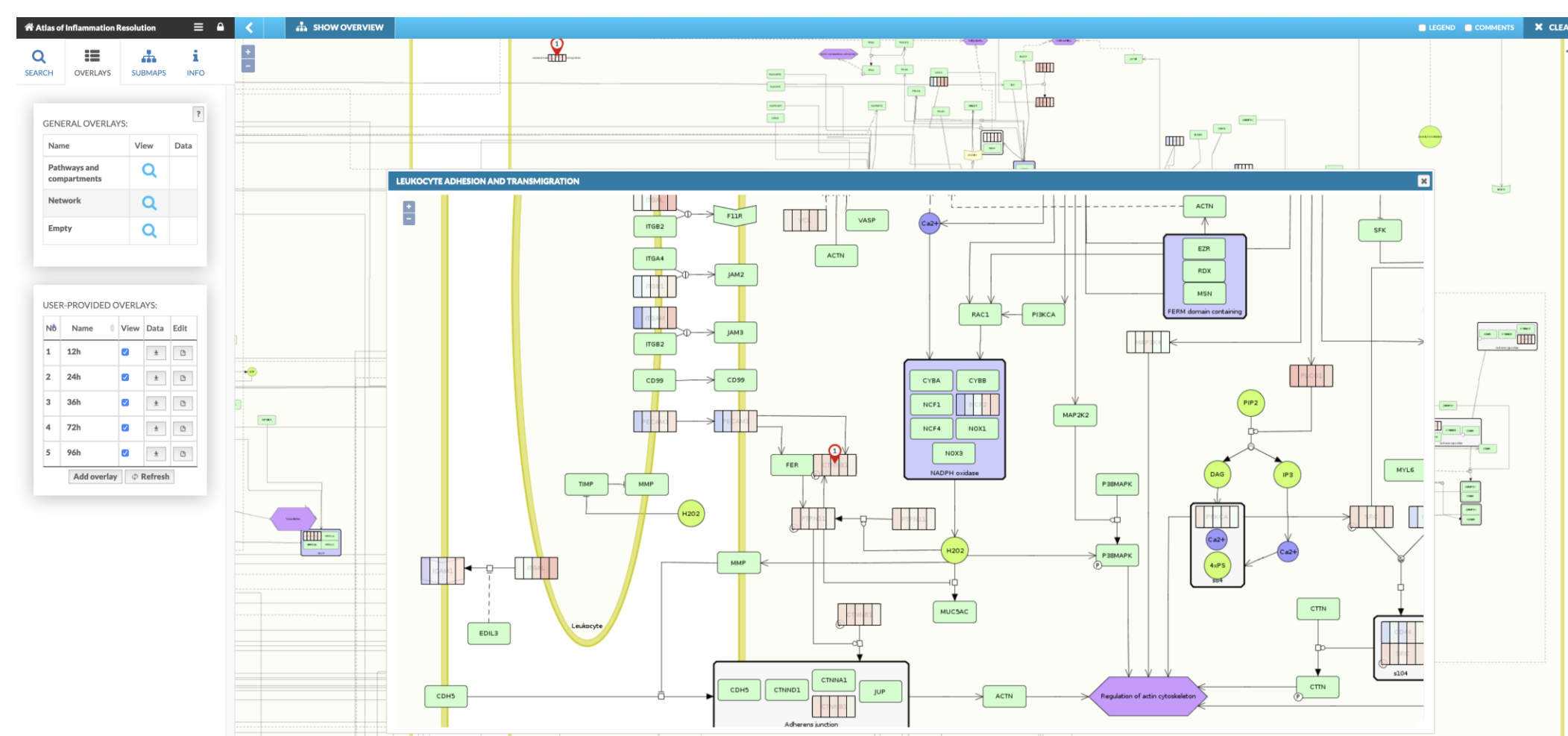


The AIR is structurally and functionally organised into multiple layers

Content & Use

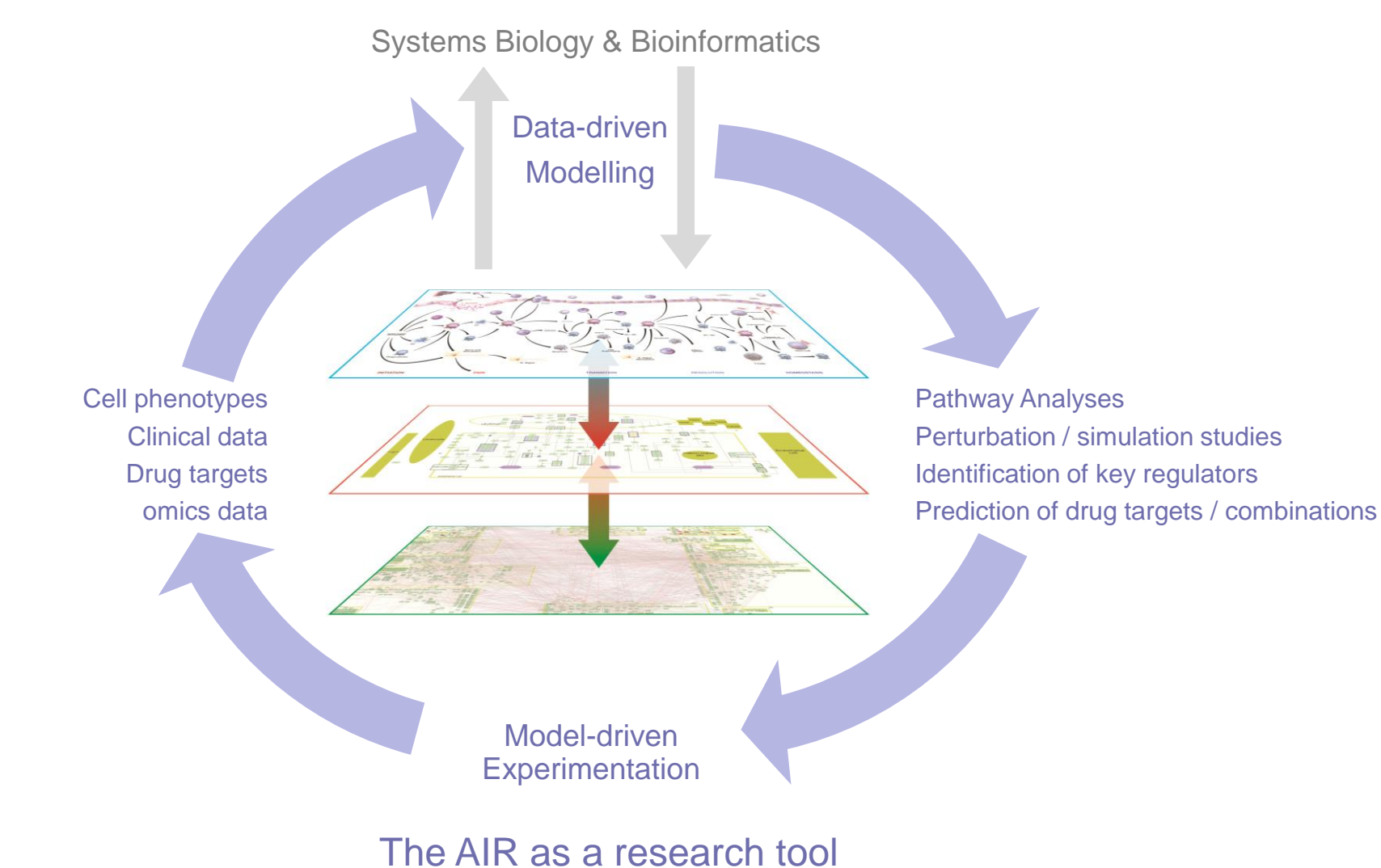


The AIR is a comprehensive, fully annotated knowledge base



Map your experimental data onto the AIR and analyse changes to the map

Applications & Community



The AIR as a research tool



Become an AIRonaut !

AIR launches February 2020

The AIR will be freely available

It is a community resource and requires your input

Contact us to help correcting and updating the AIR:

project.air@uni-rostock.de

air.elixir-luxembourg.org



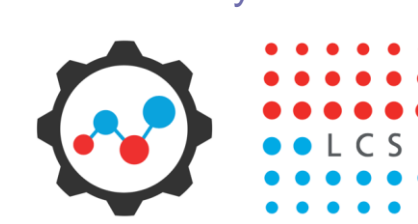
Initiated and coordinated by



Initiated and coordinated by



Powered by Minerva



Supported by



Hosted by

