

MAVATAR Discovery:

Accelerate your research. Unlock deeper insights.

Executive Summary

Mavatar Discovery is a next-generation research platform developed by Mavatar, a global specialist in AI- and data-driven precision medicine solutions. Our platform empowers scientists, pharmaceutical companies, CROs, and academic teams to generate fast, accurate, and data-driven answers to complex biomedical questions—without the need for advanced coding or custom setup.

What It Does

MAVATAR Discovery helps you:

- Identify novel biomarkers and therapeutic targets
- Understand disease biology across tissues and conditions
- Explore complex gene interactions with ease
- Uncover the biological context behind every gene-to-gene connection
- Effortlessly compare and contrast gene interactions across diverse tissues and conditions
- Explore how your genes of interest connect within biological networks — and gain deeper insight into their functional context

It's a complete, cloud-based solution that transforms months of research into minutes of actionable insights—ready to use from day one.

Powered by DINA

At the core of Mavatar Discovery is DINA (Deep Integrated Network Analysis), our proprietary engine built on 20+ years of scientific expertise. DINA integrates and analyzes thousands of transcriptomic datasets to model disease mechanisms at a systems level—delivering:

- Context-specific gene networks defined by tissue and disease
- Functional enrichment tools with full traceability back to raw data
- Overlapping networks across diseases for broader insights

Powerful tool to uncover what conditions drive gene interactions. You get curated, structured results—not just raw data or pre-packaged database queries.

What you'll find inside

- Interactive gene correlation networks based on real-world, high-quality molecular data
- Tools to compare diseases, tissues, and overlapping biological pathways
- Gene cards with concise overview of each gene dataset
- Dataset level insights and heatmaps for quick visualization
- Seamless access to the original datasets—so you can always dive deeper
- Built-in tools to help you uncover the diseases and tissues where gene interactions are most prominent — revealing the biological context that matters most



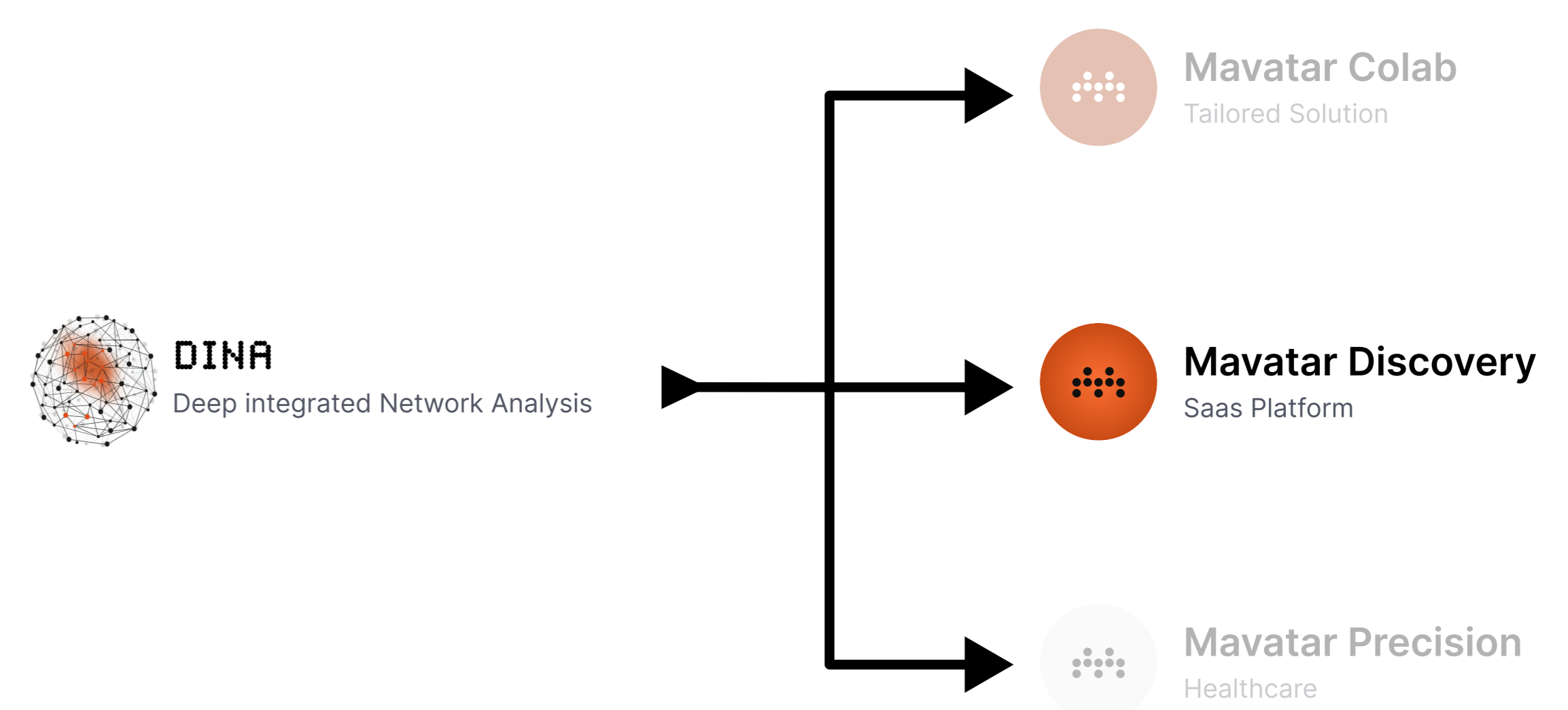
NOTE! As part of our closed Beta, we've selected 13 high-impact tissue and disease combinations to give users meaningful insights while showcasing the platform's core capabilities.

Why MAVATAR Discovery stands out

Unlike traditional tools, Mavatar Discovery offers:

- Turnkey use — no complex setup, no coding required
- 100% data-driven insights — not limited by predefined knowledge bases
- Scientifically rigorous analysis — curated and integrated by a team with deep biomedical expertise
- Time-saving power — months of prep work are already done for you

Whether you're exploring a disease for the first time or refining a targeted hypothesis, Mavatar Discovery gives you the depth, flexibility, and speed to push your research forward.



Who It's For

- Pharmaceutical & biotech R&D teams
- Academic researchers
- Translational medicine groups
- Clinical trial designers
- Bioinformaticians seeking ready-to-use insights



Ready to Discover More?

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