



Outsmarting Cancer

We harness the complexity of human biology to bring precision to medicine

Who We Are

Genialis is the RNA Biomarker company. We espouse a People First approach to machine learning-driven biomarker discovery. By modeling fundamental biology through the use of human data, our biomarkers work for patients.

We ensure the successful development of new drugs and inform targeted treatment decisions for better outcomes.

What We Deliver

Biomarkers For Pharma

- Expedite all stages of clinical development
- Design stratified clinical trials
- Guide indication selection & label expansion

Algorithms For Diagnostics

- Support approval of emerging therapeutics
- Reach patients across disease settings
- Achieve regulatory clearance through rigorous validation

Providing patients with better outcomes is at the core of everything we do at Genialis. We value collaboration with like-minded partners to build better biomarkers.

To learn more about collaboration opportunities with Genialis, please reach out.

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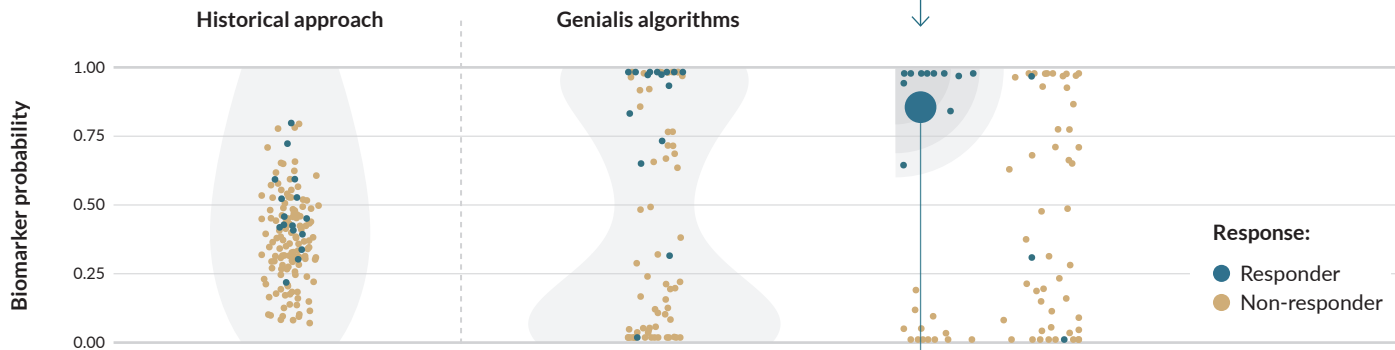
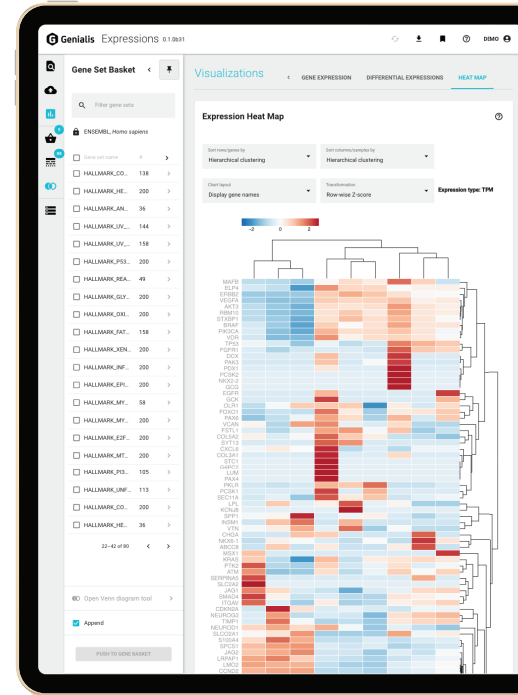
Genialis
ResponderID™

ResponderID: machine learning framework for biomarker discovery

Genialis ResponderID™ framework leverages biomedical data and machine learning to help pharma companies develop more effective drugs with higher probability of clinical success, and diagnostics companies deploy tests that lead to better treatment decisions.

While most biomarkers predominantly rely on a single analyte, we train our models on high-dimensional and/or multimodal data—such as RNA-seq gene expression profiles—that capture the underlying biological complexity.

Unlike typical approaches, we model biology first, rather than drug response. This approach allows us to develop and validate biomarkers while drugs are in clinical development.



Our ResponderID framework includes

- **Proprietary technologies:**
bioinformatics software, machine learning sandbox
- **Harmonized data assets:**
machine learning-ready 'omics & clinical metadata
- **Validated algorithms:**
published signatures & standard of care biomarkers
- **Expert services:**
data analytics, strategic planning, program management



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