

COMPUTATIONAL AI & BIOINFORMATICS

From raw sequencing data to a validated biological signal

Our computational biology team runs the dry-lab half of every project: pipelines, statistics and AI models built to surface the signal that matters in your data — always interpreted by scientists, never handed over as a black box.

● Bioinformatics pipelines

RNA-seq, WGS/WES & ATAC-seq processing, version-controlled end to end.

● Multi-omics integration

Genomics, transcriptomics & metagenomics combined into one coherent model.

● AI biomarker discovery

Inference models to prioritize candidate biomarkers from complex datasets.

● Machine learning models

Predictive models trained and validated on your biological question.

● Clinical & molecular integration

Linking omics results with clinical or phenotypic metadata.

● Reporting & visualization

Interactive dashboards and figures built to be explored, not just read.

Data processing, analysis and biological interpretation

01

Raw data

Reads, arrays or clinical files, as delivered.

02

Processing

Alignment, quantification, QC.

03

Analysis

Statistical testing, pattern discovery.

04

Insights

Pathway enrichment, ML modeling.

05

Report

Dashboard + scientific interpretation.



Accurate

Robust methods, rigorous QC.



Scalable

Small pilots to large-scale studies.



Secure

Enterprise-grade data protection.



Collaborative

Seamless sharing with your team.



Impactful

Data turned into decisions.

HAVE A DATASET THAT NEEDS INTERPRETING?

Let's talk about your data and your biological question.

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