



QIAGEN® Digital Insights | Discovery Bioinformatics Services

# Easily enhance your bioinformatics capabilities



Extend and scale your in-house resources with expertise and tailored bioinformatics services for high-quality results

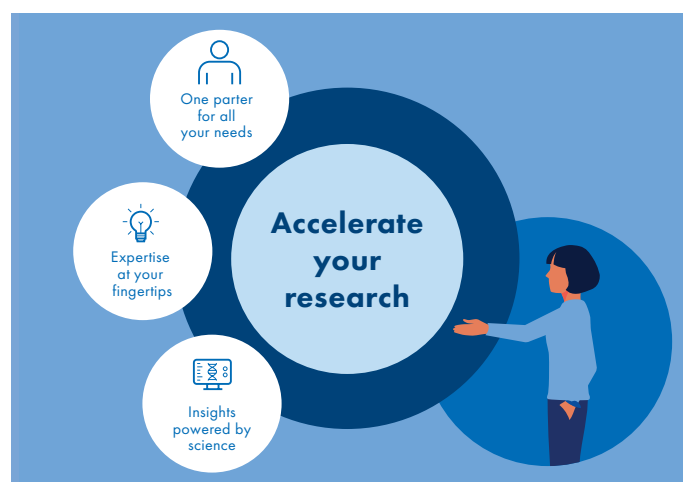
Do you struggle with:

- A lack of resources to advance your discovery and clinical development projects?
- Dwindling budgets or limited bioinformatics expertise that stall your drug repurposing initiatives?
- Experimental data to analyze but little expertise on how to derive insights from it?

QIAGEN Discovery Bioinformatics Services helps you bypass gaps in bioinformatics capacity and resource limitations. We complement your team and ease your bioinformatic burdens so you can complete your projects quickly and more efficiently.

## Let us help you with:

- Biomarker and target identification
- Multi-omics data analysis and interpretation
- Biostatistical modeling and inference
- Metadata curation and data management
- Knowledge mining



Sample to Insight

## Discovery service offerings and bioinformatics analysis capabilities

- **Consulting** to support your research planning with bioinformatics scientists and domain experts
- **Metadata curation** and standard data analysis for harmonization of internal and public data
- **Multi-omics data analysis** on >17 different datatypes:
  - Transcriptomics: Bulk and single-cell RNA-seq data
  - Genomic analysis
  - CRISPR analysis
  - Proteomic, epigenetic and metabolomic analysis
  - Microbial and metagenomic analysis
- **Clinical trial data analysis** on CFR-part 11 compliant system
- **Custom bioinformatics pipeline development**
- **Data lake creation** on both model and non-model species
- **SaaS support** for QIAGEN OmicSoft and CLC software
- **Pathway analysis** to identify predictive biomarkers, drug targets and biological interpretation
- **AI/ML assisted analysis** using proprietary QIAGEN Knowledge Base

## Bioinformatics service project example



"The QIAGEN Discovery Bioinformatics Services team is highly organized, diligent, rigorous and thorough. They put quality first and are very collaborative. They have the statistical expertise and agility in communication to solve our problems. They are open to feedback, and easily adapt to solving new problems when they arise. They are a joy to work with, and I highly recommend their services."

**Katherine Norwood, PhD,**  
**Senior Scientist at Sanofi**

### What we offer:

- Experience: Over 20 years in bioinformatics data analysis and knowledge sharing
- Validated track record with clients from top 20 pharma, government, biotech and academic labs
- End-to-end bioinformatics solutions/data-to-insight services
- Scalable bioinformatics services: Option to work in a local environment or in the cloud
- Commitment to best practices, following FAIR data principles
- Flexible service offerings for both short- and long-term projects
- Consulting, partnership and project management



Visit [digitalinsights.qiagen.com/discoveryservices/](https://digitalinsights.qiagen.com/discoveryservices/) to learn more and to request a consultation.

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