

Bioinformatics Done Right, Now

As an all-remote contract research organization, The Bioinformatics CRO sources expert, PhD bioinformaticians from around the globe to serve the computational biology needs of biotechnology companies, with a focus on genomics.



Services

We are experienced in most common genomics analyses and provide **custom services and data integration** through a simple and flexible hourly model. Clients own novel IP.

Functional genomics - NGS and more

- Gene expression
 - Bulk and single cell RNA-seq, network analysis such as WGCNA (done by the developer)
- Epigenomics
 - DNA methylation, chromatin modifications, non-canonical histone usage

Disease genomics

- Genetic target diligence
 - Associations, survival stratification, knockout phenotypes, haplotypes and population variation
- GWAS, TWAS, WES/WGS, eQTL, isoQTL, etc. analysis & integration
- Experience with TCGA, UK Biobank, and many dbGaP datasets

Integrative systems biology

- Proteomics, functional interaction networks, clinical metadata, etc.

Immunopeptidomics

Machine learning

Interactive tools for data visualization

Organisms

We and our partners have experience working with a variety of organisms including **animals (especially mammals), protists, plants, fungi, bacteria, and viruses.**

Additional Offerings

We are happy to work with your in-house bioinformaticians to augment their capabilities. We offer **tutorials** to upskill your internal team. We also provide contingency **recruitment services**.

Through strategic partnerships, we can help you find support for:

Microbiome analyses

Bioinformatics cloud computing

Bioinformatics software development

Equipment leasing

And more!

Clients

We specialize in working with **small to mid-sized biotechs**. We frequently help with biomarker discovery, genetic target diligence, building analytical pipelines, analyzing and integrating both public and client-generated NGS datasets, machine learning and data visualization.

Team

We have built out our internal team of PhD computational biologists with complementary skillsets to span most of genomics. As a remote company, we have bioinformaticians working on every inhabitable continent and in seven time zones.



The
Bioinformatics
CRO

www.bioinformaticscro.com