Bioinformatics Done Right, Now

An all-remote contract research organization with a focus on genomics, The Bioinformatics CRO sources expert PhD bioinformaticians from around the globe at comparable rates to core facilities.

Services

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

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

- 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

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.

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 can write a **letter of support** upon request.

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

- **Microbiome analyses**
- **Bioinformatics cloud computing**
- **Bioinformatics software development**
- **Equipment leasing**
- **And more!**

Clients

We have experience working with academic institutions as well as biotechs and pharma. We frequently help with building, deploying, and running analytical pipelines, analyzing and integrating both public and client-generated NGS datasets, machine learning and data visualization.

Clients own novel IP. Regarding authorship, we advise adherence to the journal's guidelines.

The
Bioinformatics
CRO
www.bioinformaticscro.com