



QCIF Bioinformatics

QCIF Bioinformatics provides specialised skills in bioinformatics, biostatistics and biodata to help life sciences and health researchers get the most out of their research data.

The QCIF Bioinformatics team has expertise in:

BIOINFORMATICS

- > Assembly and annotation
- > Resequencing and genotyping
- > Transcriptome and epigenome analysis
- > Regulation and pathway analysis
- > Metagenomics

BIostatISTICS

- > Statistical modelling
- > Machine learning
- > Exploratory analysis
- > Clinical trial design and analysis
- > Omics integrative analysis
- > Spatial omics

BIODATA

- > Workflows
- > Specialised computing
- > Data capture and management
- > Working with sensitive data

Working closely with researchers, the QCIF Bioinformatics team apply data management, processing, integration, analysis and visualisation techniques to maximise the potential value of biological and clinical data sets.

Many researchers in the life sciences and health require access to specialised skills but can't justify employing a full-time bioinformatician. QCIF Bioinformatics provides on-demand or embedded staff within their research teams at salary cost to QCIF Members.

Advice for QCIF Members about bioinformatics, biostatistics and biodata

Who is this service for?

Researchers and HDR students from QCIF Member institutions. These researchers are welcome to receive free QCIF Bioinformatics consultations to help with research projects, publications and upcoming grant applications.

What is this service for?

QCIF Bioinformatics can provide advice related to bioinformatics, biostatistics and biodata, such as:

- › Advice on experimental design
- › Recommendation and coaching on analysis methods
- › Analysis of data
- › Interpretation of results
- › Choice and use of software
- › Access to bioinformatics resources and compute infrastructure
- › Recommendation on a Data Management Plan
- › Content and pilot analysis for grants
- › Review of publications and help with reviewer comments.

How does it work?

Researchers and HDR students from QCIF Member institutions may submit a request for advice at: qcif.edu.au/support/qcif-members-advice

When are Bioinformatics Clinics available?

By video conference on weekdays during normal work hours for all researchers from QCIF Member institutions.



Visit the QCIF website for more information: qcif.edu.au/services/bioinformatics-and-biostatistics

About QCIF

QCIF provides data-intensive eResearch infrastructure, services and training to accelerate research and innovation.



Members



Associate Members



Affiliate Member



Supported by



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