

## **Recommended data repositories**

Data must be deposited in a recognized data repository that can mint a persistent digital identifier, such as a digital object identifier (DOI), and recognizes a long-term preservation plan. Where possible, please deposit your data in a discipline-specific repository. We recommend speaking to your institutional librarian, funder or colleagues at your institution for guidance on choosing a suitable repository that is relevant to your discipline.

You may wish to consider some of these specialist and non-specialist repositories: or explore the repositories listed at [FAIRsharing.org](https://www.fairsharing.org) or [re3data.org](https://re3data.org). For more information on choosing a repository, please see our [guide](#).

## **Non-specialist repositories**

- [4TU.Datacentrum](#)
- [ANDS contributing repositories](#)
- [BioStudies](#)
- [Code Ocean](#)
- [Dataverse](#)
- [Dryad Digital Repository](#)
- [Figshare](#)
- [Harvard Dataverse](#)
- [Open Science Framework](#)
- [Zenodo](#)
- [Mendeley Data](#)

## **Specialist repositories**

### *Biodiversity repositories*

- [Global Biodiversity Information Facility \(GBIF\)](#)

### *Cytometry & immunology repositories*

- [FlowRepository](#)

### *Biomodelling repositories*

- [BioModels Database](#)
- [Kinetic Models of Biological Systems \(KiMoSys\)](#)
- [NIH 3D Print Exchange](#)
- [The Network Data Exchange \(NDEX\)](#)
- [Database of Interacting Proteins \(DIP\)](#)

### *Environmental repositories:*

- [Environment Data Initiative](#)
- [The Knowledge Network for Biocomplexity](#)
- [NERC data centres](#)
- [PANGAEA](#)

### *Chemistry repositories*

- [PubChem](#)

### *Macromolecular structure repositories*

- [Biological Magnetic Resonance Data Bank \(BMRB\)](#)
- [Cambridge Crystallographic Data Centre](#)
- [Coherent X-ray Imaging Data Bank \(CXIDB\)](#)
- [Crystallography Open Database \(COD\)](#)
- [Electron Microscopy Data Bank \(EMDB\)](#)
- [Protein Circular Dichroism Data Bank \(PCDDB\)](#)
- [Structural Biology Data Grid](#)
- [Worldwide Protein Data Bank \(wwPDB\)](#)
- [International Molecular Exchange Consortium \(IMEX\)](#)
- [Biological Magnetic Resonance Data Bank \(BMRB\)](#)

### *Metabolomics repositories*

Note: Please refer to [MSI guidelines](#) for deposition

- [MassIVE](#)
- [MetaboLights](#)

### *Nucleic acid sequence repositories*

- [dbSNP](#)
- [dbVar](#)
- [DNA DataBank of Japan \(DDBJ\)](#)
- [MGnify](#)
- [EMBL Nucleotide Sequence Database \(ENA\)](#)
- [European Variation Archive \(EVA\)](#)
- [GenBank](#)
- [NCBI Assembly](#)
- [NCBI Sequence Read Archive \(SRA\)](#)
- [NCBI Trace Archive](#)
- [University of California Santa Cruz Genome Browser \(UCSC GB\)](#)
- [Ensembl](#)

- [Gene Expression Omnibus \(GEO, NCBI\)](#)

### *Omics repositories*

Note:

- For depositing microarray data, please use [MIAME](#) standards
  - For depositing molecular interaction data, please refer to [MIMiX](#) recommendations and use a member of the [International Molecular Exchange Consortium](#) (IMEx)
  - For depositing human data linking genotyping and phenotyping information, please use dbGAP or EGA who have mechanisms in place to handle sensitive data.
  - For depositing proteomics data, please refer to the [MIAPE recommendations](#) and use a member of the [ProteomeXchange consortium](#)
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- [ArrayExpress](#)
  - [Biological General Repository for Interaction Datasets](#)
  - [Database of Interacting Proteins \(DIP\)](#)
  - [dbGAP](#)
  - [EBI-based repository](#)
  - [The European Genome-phenome Archive \(EGA\)](#)
  - [GenomeRNAi](#)
  - [IntAct](#)
  - [NCBI-based repository](#)
  - [Japanese Genotype-phenotype Archive](#)
  - [Genomic Expression Archive \(GEA\)](#)
  - [Metabolomics Workbench](#)
  - [PeptideAtlas](#)
  - [PRIDE](#)
  - [ProteomeXchange](#)

### *Organism specific repositories*

- [Eukaryotic Pathogen Database Resources \(EuPathDB\)](#)
- [FlyBase](#)
- [Influenza Research Database](#)
- [Mouse Genome Informatics \(MGI\)](#)
- [Rat Genome Database \(RGD\)](#)
- [VectorBase](#)
- [Xenbase](#)
- [Zebrafish Model Organism Database \(ZFIN\)](#)
- [PLEXdb](#)

## *Quantitative and Predictive Food Microbiology*

- [ComBase](#)

## *Protein sequence repositories*

- [UniProtKB](#)