

List of suggested databases (all the below databases accept individual submissions, some of them – but not all – also actively extract data from scientific publications):

Specialized repositories for selected types of life sciences data

– please use these as your first choice:

ArrayExpress	High-throughput functional genomics data (RNA-seq, CHIP-seq, and other types of gene expression and epigenomics datasets). (Also a good alternative: GEO at NCBI).
ENA	Nucleotide sequencing information: raw sequencing data, sequence assembly information and functional annotation. (Alternatively: GenBank , SRA - Sequence Read Archive, TSA - Transcriptome Shotgun Assembly, all at NCBI).
EVA	Genetic variation data from all species.
IntAct	Molecular interaction data.
LIPID MAPS	Information on Lipids and their structures, properties and functions in biological processes.
MetaboLights	Metabolite structures and their reference spectra as well as their biological roles, locations and concentrations, and experimental data from metabolic experiments.
BioModels	Computational models of biological processes.
ModelArchive	Theoretical models of macromolecular structures.
PDBe	Experimentally obtained structures of biological macromolecules.
PRIDE	Mass spectrometry-based proteomics data.
UniProt	Protein sequence and function data.
BioImage Archive	All biological image data, including light microscopy, 2D-electron microscopy.
EMPIAR	Raw cryo-EM data and other 3D-electron microscopy images.

[EMDB](#) Processed cryo-EM data and other 3D- electron microscopy images.

[ecbd](#) European Chemical Biology Database, run by EU-OPENSREEN, collects experimental results from biological screening programs. Deposit option possible for EU-OPENSREEN partner sites.

Domain repositories (accepting all types of research data from a broad but defined field of research)

– recommended option for data that does not fit into any of the repositories listed above:

[BioStudies](#) All data from Life Sciences research that do not fit in specialized archives. Part of the ecosystem of data resources hosted and managed by EMBL-EBI, it is integrated with many of the specialized resources listed above as well as with the publication repository Europe PMC (PubMed Central).

[Pangaea](#) All data from Earth and Environmental Sciences research. PANGAEA is hosted by the Helmholtz Center for Polar and Marine Research and the University of Bremen.

Generalist repositories for research data (any type of data, any file formats)

– for situations where the data is not suitable for domain-specific repositories:

[Zenodo](#) All research-related data. EC-funded repository run at CERN in Geneva for researchers from all countries.

[RepOD](#) All research-related data. This is a general repository managed and hosted by ICM University of Warsaw, for all researchers in Poland.

In addition to the selection listed above, you may also want to consider organism-focused repositories (collecting data about the model organism you work with).