

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!

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

## **Domain repositories accepting all types of research data from a broad but defined field of research**

**– most recommended option for data that does not fit in 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)**

[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).