

Biotechnology Resources

Biotechnology professionals rely on a variety of techware vendors, biological materials suppliers, databases, protocols databases, and other resources. Here are some examples in each category (Use the resources wisely):

Techware Vendors:

1.

Bio-Rad

Provides products for life science research, including instruments, reagents, and software.

3.

Illumina

Known for DNA sequencing and microarray technologies used in genomics research.

5.

PerkinElmer

Provides imaging, detection, and informatics solutions for life sciences research.

7.

ATCC (American Type Culture Collection)

Provides authenticated cell lines, microorganisms, and other biological materials.

2.

Corning

Provides cell culture products, including cell culture media, plates, and flasks.

4.

STEMCELL Technologies

Specializes in products for stem cell and immunology research.

6.

NCBI (National Center for Biotechnology Information)

Provides databases like GenBank, PubMed, and BLAST for molecular biology and genomics research.

2.

ExPASy

Bioinformatics resource portal that includes databases for proteomics research.

4.

STRING

Protein-protein interaction networks and functional enrichment analysis tool.

Protocols Databases:

1.

Molecular Cloning: A Laboratory Manual

Classic reference book for molecular biology protocols.

3.

PubMed Central

Free full-text archive of biomedical and life sciences journal literature.

2.

BioRxiv

Preprint server for biology, allowing researchers to share their latest work before formal peer review.

4.

Bioinformatics.org

Community hub for bioinformatics professionals, offering forums, software tools, and resources.

Remember that availability and access to these resources might require subscriptions, memberships, or institutional access in some cases. Always check the terms of use and licensing agreements associated with each resource.

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