

What are third-party or independent data sources?

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In addition to publications in BenchSci's database, we also supplement our database with third-party/independent data that scientists can surface to provide critical biological insights, understanding of disease mechanisms, experiment and project validations, and more.

Beyond the data that can be surfaced, we also leverage third-party databases to build and complement our internal libraries and ontologies.

For reagent validation in Selector, data from these resources can be surfaced:

- The Human Protein Atlas (HPA)
- Encyclopedia of DNA Elements (ENCODE)
- Protein Simple
- Lund-Johansen Lab of Oslo University
- European Monoclonal Antibodies Network (EuroMabNet)
- University of Washington Histology and Imaging Core (HIC)
- The Children's Hospital of Philadelphia Research Institute

Across ASCEND for navigating experimental evidence and disease biology mechanisms, data from these resources can be surfaced:

- Online Mendelian Inheritance in Man (OMIM)
- U.S. Food and Drug Administration (FDA)
- Mouse Genome Informatics (MGI)
- The Human Protein Atlas (HPA)
- UniProt
- Kyoto Encyclopedia of Genes and Genomes (KEGG)
- Retraction Watch