



## PROTEOME™ (HumanPSD™+TRANSPATH®) release 2024.1

The Human Proteome Survey Database (HumanPSD™) with focus on human proteins as disease biomarkers and drug targets contains these new features:

- **Biomarker and drug data update**

The number of disease annotations increased to 408,644 and the number of unique gene/biomarker - disease assignments to 135,700.

Newly FDA-approved drugs (Sep 2023 - Mar 2024) , their indication, and their protein target information were added.

The TRANSPATH® database on mammalian signal transduction and metabolic pathways contains these new data features:

- **Reactome integration**

1,365 human pathways consisting of 12,786 reactions have been integrated and converted to the TRANSPATH data model. Subsequent reactions can be viewed in dedicated pathway reports and the Pathfinder tool visualizes whole pathways with options for e.g. editing and network expansion.

- **Increase in number of reactions**

6,289 new binding reactions from recent publications between proteins in human and mouse have been added, e.g. from the human kinase interactome.

- **Update of links to Wikipathways**

Links from genes/proteins to the pathway database Wikipathways (20240310) have been updated.