



## PROTEOME™ (HumanPSD™+TRANSPATH®) release 2023.2

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 397,877 and the number of unique gene/biomarker - disease assignments to 133,533.

378 drugs and 2,392 protein targets were added.

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

- **Increase in number of reactions**

34,829 new binding reactions from recent publications between proteins in human, mouse, and rat have been added. In addition, 7,531 phosphorylation reactions by human receptor tyrosine kinases (RTK) were included.

- **Update of links to Wikipathways and Reactome**

Links from genes/proteins to the pathway databases Wikipathways (20230810) and Reactome (v85) have been updated.