



PROTEOME™ (HumanPSD™+TRANSPATH®) release 2022.2

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

- **Biomarker and drug target data update**

The number of disease annotations increased to 378,522 and the number of unique gene/biomarker - disease assignments to 129,784. Targets for FDA - approved drugs have been added by manual curation and the number of drug - target protein associations is now 53,034.

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

- **Increase in number of reactions**

47,303 new binding reactions from recent publications between proteins in human have been added, among them e.g. from the OpenCell and the COVID19 interactome.

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

Links from genes/proteins to the pathway databases Wikipathways (20220810) and Reactome (v81) have been updated.