



PROTEOME™ (HumanPSD™+TRANSPATH®) release 2021.3

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 363,661 and the number of unique gene/biomarker - disease assignments to 125,437. Targets for FDA - approved drugs have been added by manual curation and the number of drug - target protein associations is now 48,465.

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

- **Increase in number of reactions**

24,118 new binding reactions from recent publications between proteins in human have been added, among them e.g. from the midbody and cilia-specific interactome. For 5,164 of these reactions, information on their intracellular location has been annotated.

- **Update of links to Wikipathways**

Links from genes/proteins to the pathway database [Wikipathways](#) (20211010) have been updated.