



## PROTEOME™ (HumanPSD™+TRANSPATH®) release 2020.1

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

- **External disease identifiers added**

External identifiers and hyperlinks to disease classifications and ontologies such as ICD10, Snomed CT or NCI thesaurus have been included based on data from the [Mondo Disease Ontology](#) and the [Disease Ontology](#) (DO).

In total, 26,615 external references have been added to 2,817 distinct disease reports.

- **More Clinical Trial and Biomarker data**

New data from [clinicaltrials.gov](#) and manual disease biomarker curation by experts have increased the number of CT-Disease-Drug assignments to 424,169 and the number of disease annotations to 333,184.

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

- **Increase in number of reactions**

1,450 new binding reactions between proteins in human and in mouse have been added, among them e.g. reactions of the human KRAB zinc finger protein or the mouse GAP/GEF protein interactome.