



## PROTEOME™ (HumanPSD™+TRANSPATH®) release 2018.2

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

- **Increased number of interventions in clinical trials mapped to drugs**

New data from [clinicaltrials.gov](http://clinicaltrials.gov) and manual curation by experts has increased the number of Clinical Trial-Drug assignments to 172,962.

- **Cancer biomarkers**

A shift in curation to yet underrepresented neoplasms (such as mouth or esophageal cancer) in the database has increased the number of gene – disease assignments to 110,961.

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

- **Human phosphatases interactome**

5,412 new or updated reactions detailing the interactome and substrates of human phosphatases from recent publications.

- **BioPlex integration**

57,890 reactions have been added or updated with additional experimental evidence by incorporating the [BioPlex 2.0 network](#) of human protein interactions.