Henning Hermjakob



Head of Molecular Systems - European Bioinformatics Institute (EMBL-EBI)

SAB Member

Henning Hermjakob is Head of Molecular Systems at the European Bioinformatics Institute (EMBL-EBI), UK, which provide worldwide reference data resources in interactomics (IntAct), pathways (Reactome), and systems biology models (BioModels). He received his MSc in Bioinformatics from the University of Bielefeld and has been at EMBL-EBI since 1997. From 2015-2020 he held a joint appointment as Director of Bioinformatics at the National Center for Protein Science Beijing.

As co-founder of the HUPO Proteomics Standards Initiative (PSI), he contributed to the development of a broad range of community data representation standards for proteomics and interactomics. Based on the trust and collaborative spirit built up in the development of data representation standards, he coordinated the next step, the intensive collaboration of proteomics and interactomics data resources globally in the IMEx and ProteomeXchange consortia, providing infrastructure support for the move towards an open data culture in proteomics. Building on his experience in interactomics, he also became co-PI of the Reactome Pathways.

Beyond molecular network resources, his team develops broad-scope data infrastructure resources identifiers.org, Omics Discovery Index, and EBI Search.

He was awarded the Distinguished Service Award by the Human Proteome Organisation in 2023, in recognition of being an exemplary member of the proteomic research community.

https://www.ebi.ac.uk/people/person/henning-hermjakob/

https://scholar.google.com/citations?user=K_2RH6oAAAAJ&hl=en&oi=ao

Publications

2024-09-26	FROG Analysis Ensures the Reproducibility of Genome Scale Metabolic Models