



## **Peer Bork, PhD**

Joint Head of Unit, Senior Scientist and Strategic Head of Bioinformatics,  
European Molecular Biology Laboratory (EMBL), Heidelberg, Germany

**Background:** Biochemistry (Diploma, Leipzig 1988; PhD, Leipzig/Berlin 1990);  
Biophysics (Habilitation, Berlin 1995)

**Current position:** senior group leader (bioinformatics) at the EMBL (Heidelberg); joint coordinator of the EMBL Structural and Computational Biology unit; visiting group leader at the MDC (Berlin-Buch)

**Advisor:** Current and former member of various SABs and evaluation panels (academia + industry) Cofounder of LION bioscience AG (now [SYGNIS Pharma AG](#)), [Cellzome AG](#), [Anadys Pharmaceuticals Inc.](#) and [biobyte solutions GmbH](#)

**Scientific interests:** prediction of protein function at different spatial scales, protein and genome evolution (iTOL), protein domain analysis, comparative genome and proteome analysis, bridging genotype and phenotype

**Some Projects:** genome annotation, comparative analysis of protein modules (SMART), biochemical pathways and networks (STRING), networks of chemicals and proteins (STITCH) bioinformatics applications in molecular medicine comparative metagenomics