LiSyM Cancer
Liver Systems Medicine against Cancer

Prof. Dr. Reinhard Schneider

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Prof. Dr. Reinhard Schneider is a full professor for bioinformatics at the University of Luxembourg. He is heading the Bioinformatics Core facility and is deputy director at the Luxembourg Centre for Systems Biomedicine (LCSB) and since 2017 heading the ELIXIR node in Luxembourg. Between 2004-2010 he was a Team Leader at the European Molecular Biology Laboratory (EMBL) in Heidelberg, where he led the "Data Integration and Knowledge Management" group. Before he was co-founder and CIO in the LION bioscience AG and CEO of LION bioscience Research Inc., Cambridge, Massachusetts, establishing an IT based knowledge management system for Bayer. Till 1997 he was a postdoc in the biocomputing department at the EMBL, where he studied various aspects of protein structures and became an expert in HPC. He received his Ph.D. in biology at the University of Heidelberg and has over 200 research papers published with over 16 thousand citations.

He is a member and fellow of the International Society for Computational Biology where he served 7 years as treasurer.

He is chair of the scientific advisory board of the German Network for Bioinformatics Infrastructure (de.NBI). Beside other assignments he also serves in the scientific advisory boards of the Frankfurt Institute for Advanced Studies (FIAS), the Zuse Institute (ZIB) and the Supercomputer Center Barcelona. He is also involved in several start-ups in Luxembourg and Germany.

Publications

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