Johan Aqvist

Ph.D. 1987 in Computational Structural Biology, Swedish University of Agricultural Sciences, Uppsala. Mentor was Orlando Tapia.

Postdoctoral research associate 1987-1989 at the Department of Chemistry, University of Southern California. Host was Arieh Warshel.

Assistant and associate professor, 1990-1999, Uppsala University.
Professor, 2000, Uppsala University.
Member of the Royal Swedish Academy of Sciences, 2009-
Wallenberg Scholar, 2024.
President of the Nobel Committee for Chemistry 2021-2023

Research interests:
His research is focused on analysis and predictions of function and interactions of biological macromolecules using various computational and bioinformatical methods. He is especially interested in the energetics of ligand binding and biological catalysis. It is worth to mention his multiscale Q program package based on Empirical Valence Bonds for computational modeling of enzyme reactions and reactions in solutions. Current projects include studies of enzyme evolution and adaptation to extreme environments.