



**Studienstiftung**  
des deutschen Volkes

The research presented in this thesis has been carried out in the Structural Bioinformatics Group headed by Dr. M. Teresa Pisabarro at the Biotechnology Center (BIOTEC) of the TU Dresden. It was performed in the context of the DFG Transregio 67 and has kindly been supported by the Studienstiftung des deutschen Volkes.