
BIOGRAPHICAL SKETCH

NAME Andreas Vitalis		POSITION TITLE Graduate Student in Molecular Biophysics, Washington University School of Medicine	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Ruhr-Universität Bochum, Germany	B.S. Equiv.	1998-2001	Biochemistry
University of California at San Diego		2001-2002	Molecular Simulations
Washington University in St.Louis	Ph.D.	2003- present	Molecular Biophysics

B. Peer-reviewed publications (chronological order)

1. Vitalis A, Baker NA, McCammon JA. ISIM: a program for grand canonical Monte Carlo simulations of the ionic environment of biomolecules. *Molecular Simulations*. 30: 45-61, 2004
2. Borrelli, KW, Vitalis A, Alcantara, R, Guallar V. (2005) PELE: Protein Energy Landscape Exploration. A Novel Monte Carlo Based Technique. *Journal of Chemical Theory & Computation*. 1: 1304-1311.
3. Wang, X, Vitalis, A, Wyczalkowski, MA, Pappu, RV. (2005). Characterizing the conformational ensemble of monomeric polyglutamine. . *Proteins: Structure, Function, and Bioinformatics*. 63: 297-311.
4. Vitalis, A, Wang, X, Pappu, RV. (2007). Quantitative characterization of intrinsic disorder in polyglutamine: insights from analysis based on polymer theories. *Biophysical Journal*. Submitted.