

# Christopher Stroupe, Ph.D.

## Laboratory Address

Department of Biochemistry  
Dartmouth Medical School  
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Hanover, NH 03755  
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## Postdoctoral experience

2001 - present      Postdoctoral associate, Wickner laboratory, Department of Biochemistry, Dartmouth Medical School

## Education

1994 - 2000      Yale University  
Ph.D., Molecular Biophysics and Biochemistry  
Thesis advisor: Axel T. Brunger  
Thesis project: Crystal structures of Sec4 bound to GDP and to a nonhydrolyzable GTP analog

1990 - 1994      Massachusetts Institute of Technology  
S.B., Biology  
Undergraduate advisor: Boris Magasanik

## Teaching experience

1997, 1999      Yale University, Department of Molecular Biophysics and Biochemistry. Teaching assistant, Principles of Biochemistry I

1996              Yale University, Department of Molecular Biophysics and Biochemistry. Teaching assistant, Laboratory for Biochemistry

## Academic Honors

NIH postdoctoral fellow, 2002 - 2005  
Howard Hughes Medical Institute predoctoral fellow, 1994 - 1999  
Phi Beta Kappa

## Society Memberships

American Society for Cell Biology, 2003 - present  
Sigma Xi Scientific Research Society, 1994 - present

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### Publications

Christopher Stroupe, Kevin M. Collins, Rutilio A. Fratti, and William T. Wickner. (2006) Purification of active HOPS complex reveals its affinities for phosphoinositides and the SNARE Vam7p. *EMBO Journal* **25**: 1579-89 (evaluated by Faculty of 1000 Biology, 19 April 2006)

Christopher Stroupe and Axel T. Brunger. (2000) Crystal structures of a Rab protein in its inactive and active conformations. *Journal of Molecular Biology* **304**: 585-598

Nobuyuki Ota, Christopher Stroupe, J.M.S. Ferreira-da-Silva, Sapan A. Shah, Marcos Mares-Guia, and Axel T. Brunger. (1999) Non-Boltzmann thermodynamic integration (NBTI) for macromolecular systems: Relative free energy of binding of trypsin to benzamidine and benzylamine. *Proteins: Structure, Function, and Genetics* **37**: 641-653