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Education

1997-2001 Ph. D., Molecular and Cellular Biology, Dartmouth College, Hanover, NH,
Graduate Advisor, Charles Barlowe, Ph.D.
1992-1993 Postbaccalaureate Biology Minor, Bennington College, Bennington, VT.
1986-1990 B.S., Aerospace Engineering, State University of New York at Buffalo,
Buffalo, NY.

Professional Postions

2009-Present Assistant Professor, Department of Biochemistry and Microbiology,
Rutgers, The State University of New Jersey.
2003-2009 Postdoctoral Fellow, Genetics Department, Dartmouth Medical School,
Advisor, Jay C. Dunlap, Ph.D.
2001-2002 Postdoctoral Fellow, Department of Biochemistry and Biophysics,
University of Pennsylvania, Advisor, P. Leslie Dutton, Ph.D.
1997-2001 Graduate Student, Department of Biochemistry, Dartmouth Medical
School, Advisor, Charles Barlowe Ph.D.
1995-1997 Research Technician, Department of Biochemistry, Dartmouth Medical
School, Advisor, Charles Barlowe, Ph.D.
1993-1995 Research Technician, Infectious Disease Unit, Massachusetts General
Hospital, Advisor, Samuel I. Miller, M.D.

Awards and Honors

2004-2007 Ruth L. Kirschstein-NRSA Postdoctoral Fellowship
2002 John W. Strohbehn Award for Excellence in Biomedical Research,
Dartmouth Medical School (given to a single graduate student each year)
1998-2001 National Institutes of Health Pre-Doctoral Training Grant
1991-1992 Dean's List, Bennington College
1986-1990 New York State Regent's Scholarship

Teaching Experience

2000 Dartmouth College, Instructor for two lectures, Introductory Biochemistry
1999 Dartmouth College, Teaching Assistant, Advanced Biochemistry
1998 Dartmouth College, Teaching Assistant, Introductory Biochemistry

Professional Societies

2000-2001 American Society of Cell Biology
2005-present American Society of Cell Biology

Publications

1. **Belden, W.J.**, Loros, J.J. and Dunlap, J.C. 2009. DNA methylation and the ATP-dependent chromatin-remodeling enzyme CHD2 contribute to the epigenetic transfer of time. Under Revision, *Molecular Cell*.
2. **Belden, W. J.**, and Dunlap, J. C. (2008). SIRT1 is a circadian deacetylase for core clock components. *Cell*, **134**: 212-214.
3. Lambreghts, R., Shi, M., **Belden, W.J.**, DeCaprio, D., Birren, B., Loros, J.J. and Dunlap, J.C. 2009. A High-Density Single Nucleotide Polymorphism Map for *Neurospora crassa*. *Genetics*, **181**: 767-781.
4. **Belden, W.J.**, Larrondo, L.F., Froehlich, A.C., Shi, M., Chen, C., Loros, J.J. and Dunlap, J.C. 2007. The *band* mutation in *Neurospora crassa* is a dominant allele of *ras-1* implicating ras-signaling in circadian output. *Genes & Development*, **21**: 1484-1493.
5. **Belden, W.J.**, Loros, J.J. and Dunlap, J.C. 2007. Execution of the circadian feedback loop requires the ATP-dependent remodeling enzyme CLOCKSITCH. *Molecular Cell* **294**: 1528-1531.
6. **Belden, W.J.**, Loros, J.J. and Dunlap, J.C. 2006. CLOCK Leaves it Mark on Histones. *Trends in Biochemical Sciences*, **31**: 610-613.
7. **Belden, W.J.** and Barlowe, C. 2001. Role of Erv29p in Collecting Soluble Secretory Proteins into ER-derived Transport Vesicles. *Science* **294**: 1528-1531.
8. **Belden, W.J.** and Barlowe, C. 2001. Distinct Roles for the Cytoplasmic Tail Sequences of Emp24 and Erv25p in Transport Between the Endoplasmic Reticulum and Golgi Complex. *Journal of Biological Chemistry* **276**: 43040-43048.
9. Vashist, S., Kim, W., **Belden, W.J.**, Spear, E.D., Barlowe, C. and Ng, D.T.W. 2001. Distinct Retrieval and Retention Mechanisms are Required for the Quality Control of Endoplasmic Reticulum Protein Folding. *Journal of Cell Biology* **155**: 355-367.
10. **Belden, W.J.** and Barlowe, C. 2001. Deletion of Yeast p24 Genes Activates the Unfolded Protein Response. *Molecular Biology of the Cell* **12**: 957-969.
11. **Belden, W.J.** and Barlowe, C. 2001. Purification of Functional Sec13p-Sec31p Complex, a Subunit of the COPII Coat. *Methods in Enzymology* **329**: 438-443.
12. Otte, S., **Belden, W.J.**, Heidtman, M., Liu, J., Jensen, O.N. and Barlowe, C. 2001. Erv41p and Erv46p: New Components of COPII Vesicles Involved in Transport Between the ER and Golgi Complex. *Journal of Cell Biology* **152** (3): 503-517.
13. Gunn, J.S., **Belden, W.J.** and Miller, S.I. 1998. Identification of PhoP-PhoQ Activated Genes Within a Duplicated Region of the *Salmonella typhimurium* Chromosome. *Microbial Pathogenesis* **25**(2): 77-90.

14. **Belden, W.J.** and Barlowe, C. 1996. Erv25p, a Component of COPII-coated Vesicles, Forms a Complex that is Required for Efficient Transport from the Endoplasmic Reticulum to the Golgi Complex. *Journal of Biological Chemistry* **271**: 26939-26946.
15. Gunn, J.S., Alpuche-Aranda, C.M., Loomis, W.P., **Belden, W.J.** and Miller, S.I. 1995. Characterization of the *Salmonella typhimurium pagC/pagD* Chromosomal Region. *Journal of Bacteriology* **177**: 5040-5047.
16. **Belden, W.J.** and Miller, S.I. 1994. Further Characterization of the PhoP Regulon: Identification of New PhoP-Activated Virulence Loci. *Infection and Immunity* **62**: 5095-5101.

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(Primary Investigator while I was a technician)