



Austrian-American Educational Commission

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CV and Intercountry Lectureship Questionnaire

Name: Edina Harsay
Grant Period: Feb. 27 – June 30, 2012
U.S. Institution: Proteogenomics Research Institute for Systems Medicine
Austrian Host Institution: Graz University of Technology and
Karl-Franzens University Graz
e-mail address: eharsay@prism-sd.org

Academic Discipline: Cell Biology, Systems Biology, Functional Genomics

Areas of Research: Intracellular membrane trafficking
Cellular stress response
Cell growth and stress signalling pathways
Yeast genetics and genomics
Chemical genomics and systems biology

Possible Lecture Topics: Regulation of nutrient permease traffic
Yeast chemical genomics for understanding stress response
Regulation of cell growth and proliferation

Lecturing in the following languages: English

Academic Training and Degrees:

Aug. 1996	Doctor of Philosophy (Biochemistry, Molecular and Cell Biology) Cornell University, Ithaca, New York
May 1991	Bachelor of Arts (Biology, with High Honors) Oberlin College, Oberlin, Ohio

Previous Positions:

2011 - pres.	Associate Professor Proteogenomics Research Institute for Systems Medicine San Diego, CA
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- 2004 - 2011 Assistant Professor
Department of Molecular Biosciences
University of Kansas, Lawrence
- 2001-2003 Research Associate
Howard Hughes Medical Institute
University of California, Berkeley
Mentor: Dr. Randy Schekman (topic: post-Golgi transport)
- 1997-2000 Postdoctoral Research Fellow
University of California, Berkeley
Mentor: Dr. Randy Schekman (topic: post-Golgi transport)
- 1991-1996 Doctoral Student
Cornell University
Mentor: Dr. Anthony Bretscher (topic: cytoskeleton and secretion)
- 1989-1991 Undergraduate Research Assistant
Oberlin College
Mentors: Dr. Robin Treichel (topic: immunology and cancer)
Dr. Yolanda Cruz (topic: insect parasitoids)

Publications (selected):

Zhang, L., M. Nebane, K. Wennerberg, Y. Li, V. Neubauer, J. Hobrath, S. McKellip, L. Rasmussen, N. Shindo, M. Sosa, J. A. Maddry, S. Ananthan, G. Piazza, L. White, and E. Harsay. 2010. A high-throughput screen for chemical inhibitors of exocytic transport in yeast. *ChemBioChem* 11:1291–1301.

Zhang, L., M. Huang and E. Harsay. 2010. A chemical genetic screen for modulators of exocytic transport identifies inhibitors of a transport mechanism linked to *GTR2* function. *Eukaryotic Cell* 9:116-126.

Harsay, E. and R. Schekman. 2007. Avl9p, a member of a novel protein superfamily, functions in the late secretory pathway. *Mol. Biol. Cell* 18:1203-1219.

Harsay, E. and R. Schekman. 2002. A subset of yeast vacuolar protein sorting mutants are blocked in one branch of the exocytic pathway. *J. Cell Biol.* 156:271-285.

Harsay, E. and A. Bretscher. 1995. Parallel secretory pathways to the cell surface in yeast. *J. Cell Biol.* 131:297-310.