

## Curriculum Vitae

### Jennifer E. Dinalo

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#### Education:

- 1998-2002 BS, Biochemistry & Mathematics  
Regis University
- 2002-2007 Ph.D, Molecular Microbiology,  
The University of Texas Southwestern Medical Center  
Thesis Advisor: Dr. Kim Orth
- 2007-Present Postdoctoral Scholar  
Stanford University  
PI: Dr. David Relman

#### Research Experience:

- 2000-2001 Undergraduate Student Research; Regis University
- 2001 Summer Undergraduate Research Fellow; University of Texas  
Southwestern Medical Center
- 2001-2002 Research Assistant; University of Colorado Health Sciences Center

#### Honors:

- 1998 Natural Science Scholarship in Chemistry; Regis University
- 2002 Excellence in Biochemistry Award; Regis University
- 2002 Dean's Discretionary Scholarship; University of Texas Southwestern  
Medical Center
- 2004 Recipient of the Sigma Xi Annual Research Forum Abstract Award;  
University of Texas Southwestern Medical Center
- 2004-2007 Member of the Division of Cellular and Molecular Biology Training  
Program; University of Texas Southwestern Medical Center

#### Associations:

- 2002-Present American Association for the Advancement of Science
- 2005-Present Sigma Xi Research Association
- 2006-Present American Society of Microbiology

## Publications:

**Trosky, JE**, Mukherjee, S, Burdette, DL, Roberts, M, McCarter, L, Siegel, RM, and Orth, K. Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*. 2003. Journal of Biological Chemistry, 279(50). 51953-51957.

Liverman, ADB, Cheng, H, **Trosky, JE**, Burdette, DL, Yarbrough, M, Leung, DW, Rosen, MK and Orth, K. Arp2/3-independent assembly of actin by *Vibrio* type III effector VopL. 2007. Proceedings of the National Academy of Sciences, 104(43). 17117-17122.

**Trosky, JE**, Li, Y, Mukherjee, S, Keitany, G, Ball, H, and Orth, K. VopA Inhibits ATP binding by Acetylating the Catalytic Loop of MKKs. 2007. Journal of biological Chemistry, 282(47). 34299-34305.

**Trsoky, JE**, Liverman, ADB and Orth, K. *Yersinia* Outer Proteins: YOPs. 2008. Cellular Microbiology, 10(3). 557-565.

## Abstracts:

- 9/2003 Poster at Cold Spring Harbor Laboratory meeting, Microbial Pathogenesis and Host Response: Differential Inhibition by YopJ Proteins
- 2/2004 Poster at MD Anderson meeting, Ubiquitin, Ubiquitin-like Proteins and Cancer: Differential Inhibition by YopJ Proteins
- 8/2004 Poster at FASEB meeting, Microbial Pathogenesis: Mechanisms of Infectious Disease: Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*
- 2/2005 Poster at University of Texas Molecular Medicine Symposium: Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*
- 9/2005 Poster at Cold Spring Harbor Laboratory meeting, Microbial Pathogenesis and Host Response: Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*
- 4/2006 Poster at the Academy of Math, Engineering and Science of Texas and Univ. of Texas meeting, Bugs, Drugs, and Vaccines: Securing Our Future: Inhibition of MAPK Signaling Pathways by VopA from *Vibrio parahaemolyticus*
- 9/2006 Poster at the Transkingdom Innate Immunity Workshop: Characterization of VopA from *Vibrio parahaemolyticus*
- 5/2007 Poster at the ASM General Meeting: Characterization of VopA from *Vibrio parahaemolyticus*