

Meghan Lindauer Vyleta

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Personal Data

Nationality: American

Date of Birth: August 14, 1979

Gender: Female

Marital Status: Married

Education

2011-2012 Postdoctoral Researcher in Evolutionary Biology
Institute of Science and Technology Austria Klosterneuburg, Austria
Mentor: Sylvia Cremer, Ph.D

2005-2010 Ph.D in Cellular and Developmental Biology
Oregon Health & Science University Portland, OR USA
Thesis: Inflammatory responses triggered by ricin toxin require macrophages
and IL-1 signaling through the NALP3 inflammasome
Mentor: Bruce Magun, Ph.D

1997-2001 Bachelor's degree in Biology
Ithaca College, Ithaca, NY USA
Mentor: Vicki Cameron, Ph.D

Publications

Konrad M, **Vyleta, ML**, Theis F, Stock M, Tragust S, Klatt M, Drescher V, Marr C, Ugelvig LV, and Cremer S. (2012). Social transfer of pathogenic fungus promotes active immunisation in ant colonies. *PLoS Biology*, in press.

Vyleta ML*, Wong J*, and Magun B. Suppression of ribosomal function triggers innate immune signaling through activation of the NALP3 inflammasome. *PLoS One*, in press.

*Denotes equal contributions

Lindauer M., Wong J, and Magun B. (2010). Ricin toxin activates the NALP3 inflammasome. *Toxins*. 2(6):1500-1514.

Lindauer ML, Wong J, Iwakura Y, and Magun B. (2009). Pulmonary inflammation triggered by ricin toxin requires macrophages and IL-1 signaling. *J Immunology*. 183: 1419-1426.

Korcheva V, Wong J, **Lindauer M**, Jacoby DB, Iordanov MS, and Magun B. (2007). Role of apoptotic signaling pathways in regulation of inflammatory responses to ricin in primary murine macrophages. *Mol Immunology*. 44(10):2761-71.

Angelo G, Lamon-Fava S, Sonna LA, **Lindauer ML**, and Wood RJ. (2008). Heat shock protein 90beta: a novel mediator of vitamin D action. *Biochem Biophys Res Commun*. 367(3):578-83.

Research Experience

2004-2005	USDA Human Nutrition Research Center on Aging, Tufts University Senior Research Technician	Boston, MA
2002-2004	Dana Farber Cancer Institute and Brigham and Women's Hospital Research Technician	Boston, MA
2001	Ithaca College Biology Department, Ithaca College Charles A. Dana Intern	Ithaca, NY
1999	Godollo Agricultural Biotechnology Center (MBK) Summer Intern	Godollo, Hungary

Grants and Fellowships

Program in Molecular and Cellular Bioscience Training Grant (NIH), June 2009-December 2010
Molecular Basis of Skin/Mucosa Pathobiology Training Grant (NIH), June 2008-June 2009
N.L. Tartar Trust Research Fellowship Award, 2008
A.D. Sobel Travel Award, American Society for Investigative Pathology Summer Course, 2008

Graduate University Honors

Graduate Student Representative, OHSU Student Health Advisory Committee, 2005-2009
Second Place Talk in Immunology, OHSU Student Research Forum, 2009
High school student mentor for the program Partnership for Scientific Inquiry, OHSU, 2008
First Place Talk in Toxicology, OHSU Student Research Forum, 2008

Undergraduate University Honors

Dean's Scholar
Charles A. Dana Scholar
Ithaca Legacy Scholar
Tri Beta Biology Honor Society Member

Professional Associations

European Society for Evolutionary Biology
International Union for the Study of Social Insects