

Curriculum Vitae

Kathleen L. DeCicco-Skinner

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EDUCATION:

Doctor of Philosophy- Nutritional Immunology, Penn State, University Park, PA 2000
Bachelor of Science- Biochemistry (Minor- Chemistry), Virginia Tech, Blacksburg, VA 1995

EMPLOYMENT HISTORY:

Assistant Professor of Biology (Tenure-track), American University, Washington, DC 2008-
Assistant Professor of Biology(Non Tenure-track), American University, Wash., DC 2003-8
Cancer Research Training Award Postdoctoral Fellow, NCI, NIH, Bethesda, MD 2001-3
Instructor, Penn State, University Park, PA 1998-00

HONORS:

Outstanding Teaching (Cell Biology, Dept. Biology, AU)
Outstanding Teaching (Structure & Function of the Human Body, Dept. Biology, AU) 2007
Outstanding Teaching (Molecular Biology, Dept. of Biology, AU) 2007
Outstanding Teaching (Cellular Immunology), Dept. of Biology, AU 2005
Outstanding Teaching (Mechanisms of Pathogenesis), Dept. of Biology, AU 2003
Cancer Research Training Award (CRTA) NIH postdoctoral fellowship 2001-4
Society for Experimental Biology and Medicine (SEBM) Travel Grant 1999
Recipient of Paul E. Hand and Uni-Marts, Inc. Travel Grant 1998
Recipient of Graduate Program in Nutrition Competitive Research Award 1996
Awarded "Outstanding Biochemist" for Graduating Class (Virginia Tech) 1995
John Pratt Animal Nutrition Senior Research Scholarship 1994-5

MANUSCRIPTS:

DeCicco-Skinner, K., Simmons, J., Pandey, J., Shan, X., Reddi, T., and Wiest, J (2008). MAP3K8 knockout mice are more susceptible to two-stage skin carcinogenesis: The role of AP-1. *In prep*

DeCicco-Skinner, K., Trovato, E., Simmons, J., Wiest, J. (2008). The role of MAP3K8 in chemically induced skin carcinogenesis: the link between inflammation and tumorigenesis. *In prep*

Pandey, J., **DeCicco-Skinner, K.**, Simmons, J., Wiest, J. (2008). MAP3K8 overexpression correlates with Paclitaxol chemoresistance in lung cancer cell lines. *In prep*

Jacobs, S., Lie, DC., **DeCicco, KL**, Shi, Y., De Luca, L., Gage, FH., Evans, RM (2006) Retinoic acid is required early during adult neurogenesis in the dentate gyrus. *Proc. Natl. Acad. Sci.* 103: 3902-7.

DeCicco, KL., Tanaka, T., Andreola, F., De Luca, LM (2004) The effect of thalidomide on non-small cell lung cancer (NSCLC) cell lines: Possible mediation through PPAR- γ . *Carcinogenesis*.25:1805-12

DeCicco, KL., Youngdahl, JD, Ross, AC (2001) All-trans-retinoic acid and polyribinosinic:polyribocytidylic acid in combination potentiate specific antibody production and cell-mediated immunity in Lewis rats. *Immunology*. 104(3): 341-8.

DeCicco, KL. Zolfaghari, R., Li, N-Q, Ross, AC (2000) Retinoic acid and Polyribinosinic: Polyribocytidylic acid act synergistically to enhance the antibody response to tetanus toxoid during vitamin A deficiency: Possible involvement of Interleukin-2 receptor β , Signal Transducer and Activator of Transcription-1, and Interferon

Regulatory Factor-1. *J. Infectious Disease*. 182 Suppl 1: S29-S36.

DeCicco, KL and AC Ross (2000) All-trans-retinoic acid and polyriboinosinic: polyribocytidylic acid cooperate to elevate anti-tetanus immunoglobulin G and immunoglobulin M responses in vitamin A-deficient Lewis rats and Balb/c mice. *Proc. Nutr. Society* 59: 1-11.

Dawson, HD., Li, N-Q., **DeCicco, KL.**, Nibert, JA., and Ross, AC. (1999) Chronic marginal vitamin A status reduces natural killer cell function in aging Lewis rats. *J. Nutrition*. 129: 1510

SELECTED ABSTRACTS † denotes AU student

Kathleen L. DeCicco-Skinner, Erika Trovato[†], John Simmons, Jonathan Wiest. MAP3K8 knockout mice have increased susceptibility to squamous cell carcinoma and markers of inflammation. American Association for Cancer Research. Submitted for Denver, 2009 conference.

Erika Trovato[†] **Kathleen L. DeCicco-Skinner**, John Simmons, Jonathan Wiest. Investigating the link between inflammation and tumorigenesis in the MAP3K8 knockout mouse. CCR 8th annual Fellows and Young Investigators Retreat, Ocean City, Md. 2008

Kathleen L. DeCicco-Skinner, Jessica Lidstrom[†], Luigi M. De Luca. 15-Deoxy-[Delta]12,14-prostaglandin J2 and ciglitazone inhibit the NF-kappa B pathway in lung cancer cells. American Association for Cancer Research (Abstract #4033), Anaheim, CA 2005.

Kathleen L. DeCicco, Luigi De Luca. 9-cis retinoic acid enhances the effectiveness of PPAR γ specific agonists in non-small cell lung cancer (NSCLC) cell lines. American Association for Cancer Research (Abstract #2885), Orlando, FL 2004.

Kathleen L. DeCicco, Luigi De Luca. Responsiveness of human non-small cell lung cancer (NSCLC) lines to combination therapy with All-trans-retinoic acid (ATRA) and Thalidomide (Td). American Association for Cancer Research, San Francisco, CA 2002.

Kathleen L. DeCicco, Reza Zolfaghari, and A. Catharine Ross. Regulation of antibody production and cytokine gene expression in vitamin A (VA)-deficient and retinoic acid (RA)-treated rats. Conference on Micronutrients and Infectious Diseases. Bethesda, MD, 1999.

K.L. DeCicco, R. Zolfaghari, and A.C. Ross. IL-2R alpha, IL-2R beta, IRF-1, and STAT-1 are reduced in vitamin A deficiency but recovered by treatment with Retinoic Acid (RA) and Poly-I:C-L,C (PIC) *in vivo*. Experimental Biology, Washington DC, 1999.

INVITED PRESENTATIONS/SEMINARS

“The role of MAP3k8 in skin carcinogenesis”, Catholic University, Washington, DC	2008
“The biochemistry of inflammation: Role of cytokines NFkB, and anti-inflammatory agents”. Johns Hopkins School of Public Health, Baltimore, MD	2006
“What is the best way to obtain an NIH summer research position?”, Health Professions Seminar, American University	2006-8
“The effect of thalidomide on non-small cell lung cancer (NSCLC) cell lines: Possible mediation through PPAR- γ ”. National Cancer Institute, Bethesda, Md.	2004
“The use of DNA in crime solving”, Workshop for Great Mills High School, Great Mills, Md	2003-4

MEMBERSHIP AND PROFESSIONAL ACTIVITIES:

American Association for Cancer Research	2001-
American Association of Immunologists	1998-
American Society for Cell Biology	1998-
Sigma XI honor society	1999-
Phi Sigma Biological Honor Society	1993-