

BIOGRAPHICAL SKETCH

Provide the following information for all key personnel.
Follow the sample format for each person found in **Biosketch Sample**. **DO NOT EXCEED FOUR PAGES.**

NAME Derek A. Pociask	POSITION TITLE Assistant Professor		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Huntingdon College Louisiana State University Health Science Center Tulane University Health Science Center	B.S. Ph.D. Postdoc	1987-1991 1994-1999 1999-2006	Biology/chemistry Pathology Pathology/lung biology

A. Positions and Honors.

Positions

2000- 2006: post doctoral research assistant
Tulane University Health Science Center, New Orleans, LA.
2006- 2008; Assistant Professor
University of Pittsburgh Medical Center, Children's Hospital of Pittsburgh, Pittsburgh PA.
2009-present: Assistant Professor
Louisiana State University Health Science Center, New Orleans La.

Honors

Tulane Cancer Center Matching Funds Award. Tulane University Health Science Center, Tulane University Cancer Center (2001-2003).
Center for Bioenvironmental Research Award for Bioenvironmental Research. Tulane University Center for Bioenvironmental Science (2003).
NIH T32 Research Training Fellowship Tulane University health Science Center 2003-2005.
Research Advisory Council Training Award, Children's Hospital, Pittsburgh 2008-2010.

B. Selected peer-reviewed publications (in chronological order).

1. Brody AR, Warshamana GS, Jing-Yao, **Pociask DA**. Expression of transforming growth factor-beta induces fibroproliferative pulmonary disease in fibrosis-resistant mice. *Chest*. 2001 Jul;120(1 Suppl):48S-49S.
2. Liu JY, Sime PJ, Wu T, Warshamana GS, **Pociask DA**, Tsai SY, Brody AR. Transforming growth factor-beta(1) overexpression in tumor necrosis factor-alpha receptor knockout mice induces fibroproliferative lung disease. *Am J Respir Cell Mol Biol*. 2001 Jul;25(1):3-7.
3. Brody AR, Warshamana GS, Liu JY, Tsai SY, **Pociask DA**, Brass DM, Schwartz D. Identifying fibrosis susceptibility genes in two strains of inbred mice. *Chest*. 2002 Mar;121(3 Suppl):31S.
4. Warshamana GS, **Pociask DA**, Sime P, Schwartz DA, Brody AR. Susceptibility to asbestos-induced and transforming growth factor-beta1-induced fibroproliferative lung disease in two strains of mice. *Am J Respir Cell Mol Biol*. 2002 Dec;27(6):705-13.
5. Warshamana GS, **Pociask DA**, Fisher KJ, Liu JY, Sime PJ, Brody AR. Titration of non-replicating adenovirus as a vector for transducing active TGF-beta1 gene expression causing inflammation and fibrogenesis in the lungs of C57BL/6 mice. *Int J Exp Pathol*. 2002 Aug;83(4):183-201.

6. **Pociask DA**, Sime PJ, Brody AR. Asbestos-derived reactive oxygen species activate TGF-beta1. *Lab Invest.* 2004 Aug;84(8):1013-23.
7. Sullivan DE, Ferris M, **Pociask D**, Brody AR. Tumor necrosis factor-alpha induces transforming growth factor-beta1 expression in lung fibroblasts through the extracellular signal-regulated kinase pathway. *Am J Respir Cell Mol Biol.* 2005 Apr;32(4):342-9.
8. Thomas DT, Espy MG, **Pociask DA**, Ridnour L, Donzelli S, Wink DA. Asbestos redirects nitric oxide signaling through rapid catalytic conversion to nitrite. *Cancer Research.* 2006 Dec 15;66(24):11600-4.
9. Spees JL, **Pociask DA**, Sullivan DE, Whitney MJ, Lasky JA, Prockop DJ, Brody AR. Engraftment of Bone Marrow Progenitor Cells in a Rat Model of Asbestos-Induced Pulmonary Fibrosis. *Am J Respir Crit Care Med.* 2007 May 11.
10. Aujla SJ, Chan YR, Zheng M, Fei M, Askew DJ, **Pociask DA**, Reinhart TA, McAllister F, Edeal J, Gaus K, Husain S, Kreindler JL, Dubin PJ, Pilewski JM, Myerburg MM, Mason CA, Iwakura Y, Kolls JK. IL-22 mediates mucosal host defense against gram negative bacterial pneumonia. *Nature Medicine.* 2008 Mar;14(3):275-81.
11. Sullivan DE, Ferris M, **Pociask D**, Brody AR. The latent form of TGFbeta(1) is induced by TNFalpha through an ERK specific pathway and is activated by asbestos-derived reactive oxygen species in vitro and in vivo. *J Immunotoxicol.* 2008 Apr;5(2):145-9
12. Chan YR, Liu JS, **Pociask DA**, Zheng M, Mietzner TA, Berger T, Mak TW, Clifton MC, Strong RK, Ray P, Kolls JK. Lipocalin 2 is required for pulmonary host defense against Klebsiella infection. *J Immunol.* 2009 Apr 15;182(8):4947-56.
13. Tai-Cheng Lai, **Derek A. Pociask**, MaryBeth Ferris, Hong T. Nguyen, Charles A. Miller III, Arnold R. Brody, and Deborah E. Sullivan. Small interfering RNAs (siRNAs) targeting TGF-β1 mRNA suppress asbestos-induced expression of TGF-β1 and CTGF in fibroblasts. *Journal of Environmental Pathology, Toxicology and Oncology.* In Press. 2009.
13. Crowe CR, Chen K, **Pociask DA**, Alcorn JF, Krivich C, Enelow RI, Ross TM, Witztum JL, and JK Kolls. Critical role of IL-17RA in Immunopathology of Influenza Infection. *J Immunol*, In Press, 2009.
14. Lin Y, Ritchea S, Logar A, Slight S, Messmer M, Rangel-Moreno J, Guglani L, Alcorn JF, Strawbridge H, Park SM, Onishi R, Nyugen N, Walters M, **Pociask D**, Randall TD, Gaffen SL, Iwakura Y, Kolls J, and SA Khader. IL-17 is required for Th1 immunity and host resistance to the intracellular pathogen Francisella tularensis LVS. *Immunity*, In Press, 2009.

C. Research Support.