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**BIOGRAPHICAL SKETCH**

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NAME	POSITION TITLE
John J. Godleski	Associate Professor of Pathology

EDUCATION			
INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
King's College, Wilkes-Barre, PA	B.S.	1965	Biology
University of Pittsburgh, PA	M.D.	1969	Medicine
Massachusetts General Hospital, Boston, MA	Int-Res	1969-71	Pathology
Harvard School of Public Health, Boston, MA	Post-doc	1971	Physiology

**PROFESSIONAL EXPERIENCE:**

- 1971-1973 Chief, Pathology Section, Pathobiology Branch, EPA, RTP, NC  
1973-1978 Assistant Professor of Pathology, Medical College of Pennsylvania, Philadelphia, PA  
1978-1980 Associate Pathologist, Peter Bent Brigham Hospital, Boston, MA  
1980-date Pathologist, Brigham and Women's Hospital, Boston, MA  
1978-date Member of the Faculty, Physiology Program, Harvard School of Public Health, Boston, MA  
1978-1984 Assistant Professor of Pathology, Harvard Medical School, Boston, MA  
1984-date Associate Professor of Pathology, Harvard Medical School, Boston, MA  
1986-1987 Visiting Scientist, Gesellschaft für Strahlen und Umweltforschung, Munich Germany

**HONORS:** NIH Pulmonary Young Investigator Award, 1975-1977

- Certified - American Board of Pathology, Anatomic Pathology, 1975  
Golden Apple Award for Outstanding Teaching, Med. College of PA, 1978  
National Academy of Sciences Travelling Fellowship, 1982  
Honorary Fellow, Polish Society of Pathologists, 1989

**SELECTED RELEVANT PUBLICATIONS:** (From a total of 127)

1. Godleski, J.J., Melnicoff, M.J., Sadri, S.S., and Garbeil, P. Effects of inhaled ammonium sulfate on Benzo(a)pyrene carcinogenesis. *J. Toxicol. and Env. Health.* 14:225-238, 1984.
2. Sweeney, T.D., Skornik, W.A., Brain, J.D., Hatch, V. and Godleski, J.J. Chronic bronchitis alters the pattern of aerosol deposition in the lung. *Am. J. Resp. and Crit. Care Med.* 151:482-488, 1995.
3. Shi, M.M., Godleski, J.J., and Paulauskis, J.D. Regulation of macrophage inflammatory protein-1 $\alpha$  mRNA by oxidative stress. *J. Biol. Chem.* 271: 5878-5883, 1996.
4. Killingsworth, C.R., Alessandrini, F., Krishna Murthy, G.G., Catalano, P.J., Paulauskis, J.D., and Godleski, J.J. Inflammation, chemokine expression, and death in monocrotaline-treated rats following fuel oil fly ash inhalation. *Inhal. Toxicol.*, 9:541-565, 1997.
5. Grabowski G.M., Paulauskis J.D., and Godleski J.J. Mediating phosphorylation events in the vanadium-induced respiratory burst of alveolar macrophages. *Toxicol Appl Pharmacol.*, 156: 170-178, 1999.

6. Stone, P.H., Godleski J.J. First steps toward understanding the pathophysiologic link between air pollution and cardiac mortality. *Am Heart J.* 138: 804-807, 1999.
7. Clarke R.W., Catalano P.J., Koutrakis P., Krishna Murthy G.G., Sioutas C., Paulauskis J., Ferguson S., Godleski J.J. Urban air particulate inhalation alters pulmonary function and induces pulmonary inflammation in a rodent model of chronic bronchitis. *Inhalat Toxicol.* 11:637-656. 1999.
8. Godleski, J.J., Verrier, R.L., Koutrakis, P., Catalano, P. Mechanisms of Morbidity and Mortality from Exposure to Ambient Air Particles. HEI Research Report. 91. Feb, 2000.
9. Godleski, J.J. and Clarke, R.E. Systemic Responses to Inhaled Ambient Particles: Pathophysiologic Mechanisms of Cardiopulmonary Effects. Particle-Lung Interactions ed. by J. Heyder & P. Gehr. Marcel Dekker, Inc.; 143:577-601, 2000.
10. Godleski, J.J. Cardiovascular Responses to Inhaled Particles. In: Acute and Chronic Effects of Air Pollution, eds. U. Heinrich and U. Mohr. ILSI Press, 141-155, 2000.
11. Coull, B.A., Catalano, P.J., Godleski, J.J. Semiparametric analyses of cross-over data with repeated measures. *J Agric Biol Env Stat.* 5(4):417-429, 2000.
12. Clarke, R.W., Coull, B., Reinisch, U., Catalano, P., Killingsworth, C.R., Koutrakis, P., Kavouras, I., Krishna Murthy, G.G., Lawrence, J., Lovett, E., Wolfson, J.M., Verrier, R.L., Godleski, J.J. Inhaled concentrated ambient particles are associated with hematological and broncho-alveolar changes in canines. *Env Health Perspect.* 108:1179-1187, 2000.
13. Rice, T.M., Clarke, R.W., Godleski, J.J., Al-Mutairi, E., Jiang, N.-F., Hauser, R., Paulauskis, J. D. Differential Ability of Transition Metals to Induce Pulmonary Inflammation. *Toxicology and Applied Pharmacology* 177:46-53, 2001.
14. Wellenius, G.A., Saldiva, P.H.N., Batalha, J.R.F., Krishna Murthy, G.G., Coull, B.A., Verrier, R.L., Godleski, J.J. ECG Changes During Exposure to Residual Oil Fly Ash (ROFA) Particles in a Rat Model of Myocardial Infarction. *Toxicol Sci.* 66:327-335, 2002.
15. Godleski JJ, Clarke RW, Coull BA, Saldiva PHN, Jiang NF, Lawrence J, Koutrakis, P. Composition of Inhaled Urban Air Particles Determines Acute Pulmonary Responses. *Ann Occup Hyg.* 2002; 46 (Sup 1) 419-424.
16. Saldiva PHN, Clarke RW, Coull BA, Stearns R, Lawrence J, Koutrakis P, Suh H, Tsuda A, Godleski JJ. Acute Pulmonary Inflammation Induced by Concentrated Ambient Air Particles is Related to Particle Composition. *Amer J Respir Crit Care Med* 2002; 165:1610-1617.
17. Batalha JRF, Saldiva PHN, Clarke RW, Coull BA, Stearns RC, Lawrence J, Krishna Murthy GG, Koutrakis P, Godleski JJ. Concentrated Ambient Air Particles Induce Vasoconstriction of Small Pulmonary Arteries in Rats. *Env. Health Perspectives.* 2002; 110:1191-1197.
18. Wellenius GA, Coull BA, Godleski JJ, Koutrakis P, Okabe K, Savage ST, Lawrence JE, Krishna Murthy GG, Verrier RL. Inhalation of Concentrated Ambient Air Particles Exacerbates Myocardial Ischemia in Conscious Dogs. *Env Health Persp.* 2003; 111:402-408.
19. Lawrence J, Wolfson JM, Ferguson, S, Koutrakis P, Godleski JJ. Performance Stability of the Harvard Ambient Particle Concentrator. *Aerosol Sci and Technol.* 2004; 38: 219-227.
20. Pope CA, Burnett RT, Thurston GD, Thun MJ, Calle EE, Krewski D, and Godleski JJ. Cardiovascular Mortality and Long-term Exposure to Particulate Air Pollution. *Circulation.* 2004: 109:71-77.
21. Rhoden CR, Lawrence J, Godleski JJ, Gonzalez-Flecha N-acetylcysteine prevents lung inflammation after short-term inhalation exposure to concentrated ambient particles. *Toxicologic Sciences.* 2004: 79: 296-303

22. Wellenius GA, Batalha JRF, Diaz EA, Lawrence J, Coull BA, Katz T, Verrier RL, Godleski JJ, Cardiac Effects of Carbon Monoxide and Ambient Particles in a Rat Model of Myocardial Infarction. *Toxicologic Sciences*. 2004; 80; 367-376