

## BIOGRAPHICAL SKETCH

NAME	TITLE
John J. Godleski	Associate Professor of Pathology

### EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	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

### Experience

1971-1973	Chief, Pathology Section, Pathobiology Branch, Environmental Protection Agency, Research Triangle Park, 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 Program 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, München, West Germany
1988-date	Director, Harvard Zeiss CEM902 Laboratory

### 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

### Editorial Board

Inhalation Toxicology

### Publications (Selected Publications)

Godleski, J. and Brain, J.D. The origin of alveolar macrophages in mouse irradiation chimeras. *J. Exp. Med.* 136:630-643, 1972.  
 Godleski, J.J., Mortara, M., Kobzik, L., Joher, A., and Brain, J.D. Monoclonal antibody to alveolar macrophage surface antigen in hamsters. *Am. Rev. Respir. Dis.* 130:249-255, 1984.  
 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.  
 Sweeney, T.D., Brain, J.D., Leavitt, S.A., and Godleski, J.J. Emphysema alters deposition pattern of inhaled particles. *Am. J. Path.* 128:19-28, 1987.  
 Kreyling, W.G., Godleski, J.J., Kariya, S.T., Rose, R.M., and Brain, J.D. In vitro dissolution of uniform cobalt oxide particles by human and canine alveolar macrophages. *Am. J. Resp. Cell and Mol. Biol.* 2:413-422, 1990.  
 Kobzik, L., Godleski, J.J., and Brain, J.D. Selective down regulation of alveolar macrophage oxidative response to opsonin-independent phagocytosis. *J. Immunol.* 144:4312-4319, 1990.  
 Stahlfhofen, W., Moller, W. and Godleski, J.J. Relaxation measurements with spherical magnetic particles in human lungs. *J. Aerosol Sci.* 21:P355-362, 1990.  
 Godleski, J.J., Kreyling, W.C. and Schumann, G. Particle redistribution in the lungs and short term clearance after multiple inhalations. *J. Aerosol Sci.* 21:S487-490, 1990.  
 Huang, S-L., Paulauskis, J.D., Godleski, J.J. and Kobzik, L. Expression of macrophage inflammatory protein-2 and KC mRNA in pulmonary

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- Beck-Speier, I., Liese, J.G., Belohradsky, B.H., and Godleski, J.J. Sulfite stimulates NADPH oxidase of human neutrophils to produce active oxygen radicals via protein kinase C and  $Ca^{2+}$ /calmodulin pathways. *Free Radical Biology & Medicine* 14: 661-668, 1993.
- Kobzik, L., Huang, S., Paulauskis, J.D., and Godleski, J.J. Particle opsonization and lung macrophage cytokine response: *in vitro* and *in vivo* analysis. *J. Immunol.* 151:2753-2759, 1993.
- Godleski, J.J. The pneumoconiosis: Silicosis and silicatoses due to inhalation of non-asbestos silicates. In: *Pathology of Pulmonary Disease*, Saldana, M.J., ed. Philadelphia, J.B. Lippincott Co., pp. 387-393, 1994.
- Beck-Speier, I., A.G. Lenz, and J.J. Godleski. Responses of human neutrophils to sulfite. *J. Tox. and Env. Health.* 41:285-297, 1994.
- Crawford, J.M., Barnes, S., Stearns, R.C., Hastings, C.L., and Godleski, J.J.. Ultrastructural localization of a fluorinated bile salt in hepatocytes. *Lab. Invest.* 71:42-51, 1994.
- Stearns, R.C., Katler, M., Godleski J.J. The contribution of osmium tetroxide to the image quality and detectability of iron in cells studied by electron spectroscopic imaging and electron energy loss spectroscopy. *J. Micros. Res.*, 28:155-163, 1994.
- Shi, M.M., Godleski, J.J., and Paulauskis, J.D. Molecular cloning and posttranscriptional regulation of macrophage inflammatory protein-1<sub>α</sub> in alveolar macrophages. *Biochem. Biophys. Res. Commun.* 211(1): 289-295, 1995.
- 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.
- Crawford, J.M., Möckel, G-M., Crawford, A.R., Hagen, S.J., Hatch, V.C., Barnes, S., Godleski, J.J. and Carey, M.C. Imaging biliary lipid secretion in the rat: Ultrastructural evidence for vesiculation of the hepatocyte canalicular membrane. *J. Lipid. Res.* 36:2147-2163, 1995.
- Pierce, L.M., Alessandrini, F., Godleski, J.J. and Paulauskis, J.D. Vanadium-induced chemokine mRNA expression and pulmonary inflammation. *Toxicol. Appl. Pharmacol.* 138: 1-11, 1996.
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- Godleski, J.J., Sioutas, C., Katler, M., and Koutrakis, P. Death from inhalation of concentrated ambient air particles in animal models of pulmonary disease. Proceedings of the Second Colloquim on Particulate Air Pollution and Health, 4:136-142, 1996.
- Okabe, K., Krishna Murthy, G.G. Vallarino, J.A., Skornik, W.A., Hatch, V.C., Katler, M.R., Tsuda, A., and Godleski, J.J. Deposition efficiency of inhaled fibers in the hamster lung. *Inhal. Toxicol.*, 9:85-98, 1997.
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