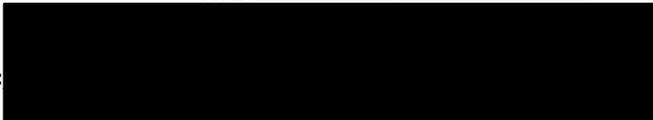


**Committee on Energy and Commerce**  
**U.S. House of Representatives**  
 Witness Disclosure Requirement - "Truth in Testimony"  
 Required by House Rule XI, Clause 2(g)

1. Your Name: <i>WILLIAM N ROM MD, MPH</i>		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No <input checked="" type="checkbox"/>
3. Are you testifying on behalf of an entity that is not a government entity?	<input checked="" type="checkbox"/>	No
4. Other than yourself, please list which entity or entities you are representing: <i>AMERICAN THORACIC SOCIETY</i>		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2011:  <i>Attached</i>		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity or entities you are representing:  <i>MEMBER</i>		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	Yes	No <input checked="" type="checkbox"/>
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2011, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:  <i>NONE</i>		
9. Please attach your curriculum vitae to your completed disclosure form.  <i>ATTACHED</i>		

Signature:



Date: *APR 8, 2013*

**William N. Rom, M.D., M.P.H.**  
**Federal Grants, Contracts, and Subcontracts**

1R01 HL090316-02(Rom) 07/01/07 – 06/30/13

NIH/NHLBI

“Longitudinal Studies of HIV-Associated Bacterial Pneumonia”

The purpose of this grant is to evaluate latent tuberculosis and other respiratory infections to determine their influence on the course of HIV-1 infection. Specifically, we propose to determine if bacterial pneumonia occurs at a lower incidence in the era of highly active-antiretroviral therapy (HAART) in HIV-infected individuals, and that bacterial pneumonia enhances local HIV-1 replication and mutation.

5T32 ES007267-18 (Rom) 07/01/92 - 06/30/13

NIH/NIEHS

Molecular and Cell Biology in Environmental Medicine Training

The purpose of this grant is to train 6 research fellows in translational research related to environmental disease and exposure.

5U01 CA086137-11 (ROM) 05/08/00 – 06/30/15

NIH/NCI

NYU Lung Cancer Biomarker Center

Early detection research network of NCI to evaluate individuals at increased risk for cancer to identify biomarkers associated with early stage cancer. The NYU Center screens 1000 smokers including asbestos-exposed with helical CT and sputum for lung cancer. Biomarkers are studied.

**American Thoracic Society  
Federal Grants and Awards 2010-2012**

<b>Source</b>	<b>Project</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>Project #</b>
CDC	MECOR Program 2010	\$24,000.00			200-2009-M-31165
CDC	MECOR Program 2011		\$22,000.00		200-2011-M-40789
CDC	MECOR Program 2012			\$22,000.00	Na
CDC	Subcontract: US Partner Global Stop TB Partnership			\$24,204.27	Na
EPA	Grant Support: "Workshop: Respiratory Health Effects of Global Climate Change"	\$30,000.00			EP10H001399
NHLBI	Grant Support of ATS Book on Respiratory Disease ("Breathing in America")	\$25,000.00			Na
NHLBI	Publications Support: "The LUNG-HIV Study" in Proceedings of the ATS Journal Vol. 8#3; 6/1/2011		\$34,800.00		Na
NHLBI	Publications Support: "Cell plasticity in Lung Injury and Repair" in Proceedings of the ATS Journal Vol. 8#3; 6/1/2011		\$4,800.00		Na
NIEHS	Grant Support for Health Impacts of Global Climate Change		\$ 10,000.00		Na
NIH	Publications Support: "Primary Ciliary Dyskinesia and Overlapping Syndromes" in Proceedings of the ATS Journal Vol. 8#5; 9/15/2011		\$24,000.00		Na
USAID	Subcontract: TBCARE program	\$376,272.68	\$387,384.73	\$740,421.17	Na

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Rom, William, N.		POSITION TITLE Sol and Judith Bergstein Professor of Medicine and Environmental Medicine	
eRA COMMONS USER NAME (credential, e.g., agency login) romw01			
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
University of Colorado, Boulder, CT	BA	1967	Political Science
University of Minnesota, Minneapolis, MN	MD	1971	Medicine
Harvard University, Boston, MA	MPH	1973	Environmental Medicine

**A. Positions and Honors**

1971-1975 Resident, University of California, Davis-Sacramento Medical Center, Sacramento, CA  
 1975-1977 Fellow, Pulmonary Division and Environmental Sciences Lab, Mt. Sinai School of Medicine, NY  
 1977-1983 Assistant-Associate Professor, Pulmonary Division, Department of Internal Medicine, University of Utah, Salt Lake City, UT; Director, Rocky Mountain Center for Occupational & Environmental Health  
 1983-1989 Senior Investigator, Pulmonary Branch, NHLBI, NIH, Bethesda, MD  
 1989-present Professor and Director, Division of Pulmonary and Critical Care Medicine, Department of Medicine, Professor, Department of Environmental Medicine, NYU School of Medicine, New York, NY. Director, Chest Service, Bellevue Hospital, New York, NY  
 1991-2006 Program Director, GCRC, NYU School of Medicine  
 2002-present Sol and Judith Bergstein Professor of Medicine, NYU School of Medicine  
 2003-2004 Sabbatical as Legislative Fellow in Health and Environmental Policy in U.S. Senate for Senator Hillary Rodham Clinton  
 2004-present Adjunct Professor of Public Policy, Robert F. Wagner Graduate School of Public Service  
**Honors and Awards:** NIOSH Educational Resource Center Grant (1978-1984). Harriet Hardy Award for Excellence in Occupational Medicine, New England Occupational Medicine Association (1992). Health Achievement in Occupational Award, American College of Occupational Environmental Medicine (1996). Editor: Environmental and Occupational Medicine. 4<sup>th</sup> ed. Philadelphia, PA: Lippincott-Raven, 121 chapters (2007). Co-Editor: Tuberculosis, 2<sup>nd</sup> ed., Lippincott-Raven, 60 chapters (2003), NCI Director's Recognition Award for Early Detection Research Network.

**B. Selected peer-reviewed publications (total: 247 articles, 60 books and chapters, 252 abstracts)**

Weiden M, Tanaka N, Qiao Y, Zhao BY, Honda Y, Nakata K, Canova A, Levy DE, Rom WN, Pine R. Differentiation of monocytes to macrophages switches the *Mycobacterium tuberculosis* effect on HIV-1 replication from stimulation to inhibition: modulation of interferon response and CCAAT/enhancer binding protein beta expression. J Immunol 2000; 165:2028-2039.  
 Srivastava KD, Rom WN, Jagirdar J, Yie TA, Gordon T, Tchou-Wong KM. Crucial role of interleukin-1 $\beta$  and nitric oxide synthase in silica induced inflammation and apoptosis in mice. Am J Respir Crit Care Med 2002; 165:527-33.

- Hoshino Y, Hoshino S, Nakata K, Honda Y, Tse D, Shioda T, Rom WN, Weiden M. Maximal HIV-1 replication in alveolar macrophages during tuberculosis requires both lymphocyte contact and cytokines. *J Exp Med* 2002; 195: 495-525.
- Greenberg AK, Basu S, Hu J, Yie TA, Tchou-Wong KM, Rom WN, Lee TC. Selective P38 activation in human non-small cell lung cancer. *Am J Respir Cell Mol Biol* 2002; 26:555-564.
- Tchou-Wong KM, Jiang Y, Yee H, LaRosa JA, Lee TC, Pellicer A, Jagirdar J, Gordon T, Goldberg JD, Rom WN. Lung-specific expression of dominant-negative mutant p53 in transgenic mice increases spontaneous and benzo(a)pyrene-induced lung cancer. *Am J Respir Cell Mol Biol* 2002; 27:186-193.
- Greenberg AK, Yee H, Rom WN. Preneoplastic lesions of the lung. *Respir Res* 2002; 3:20-46.
- Feng Z, Hu W, Chen J, Pao A, Li H, Rom WN, Hung M-C, Tang M-s. Preferential DNA damage and poor repair determine *ras* gene mutational hotspot in human cancer. *J Natl Cancer Inst*, 2002; 94:1527-1536.
- Greenberg AK, Hu J, Basu S, Hay J, Reibman J, Yie T, Tchou-Wong KM, Rom WN, and Lee TC. Glucocorticoids inhibit lung cancer cell growth through both the ERK pathway and cell cycle regulators. *Am J Respir Cell Mol Biol* 2002; 27:320-328.
- Rom WN, Weiden M, Garcia R, Yie TA, Vathesatogkit P, Tse DB, McGuinness G, Roggli V, Prezant D. Acute eosinophilic pneumonia in a New York City firefighter exposed to World Trade Center dust. *Am J Respir Crit Care Med*, 2002; 166:797-800. Editorial: Beckett WS. A New York City Firefighter overwhelmed by World Trade Center Dust. *Am J Respir Crit Care Med* 2002; 166:785-786.
- Prezant DJ, Weiden M, Banauch GI, McGuinness G, Rom WN, Aldrich TK, Kelly KJ. Cough and bronchial responsiveness in firefighters at the World Trade Center site. *N Engl J Med*, 2002; 347:806-815.
- Sauthoff H, Pipiya T, Heitner S, Chen S, Norman RG, Rom WN, Hay JG. Late expression of p53 from a replicating adenovirus improves tumor cell killing and is more tumor cell specific than expression of the adenoviral death protein. *Human Gene Therapy* 2002; 13:1859-1871.
- Feng Z, Hu W, Rom WN, Beland FA, Tang M-s. 4-Aminobiphenyl is a major etiological agent of human bladder cancer: evidence from its DNA binding spectrum in human p53 gene. *Carcinogenesis* 2002; 23:1721-1727.
- Phillips M, Brand DA, Cataneo RN, Cummin ARC, Gagliardi AJ, Gleeson K, Greenberg J, Maxfield RA, Rom WN. Detection of lung cancer with volatile markers in the breath. *Chest* 2003; 123:2115-2123.
- Condos R, Raju B, Canova A, Zhao BY, Weiden M, Rom WN, Pine R. Recombinant interferon-gamma stimulates signal transduction and gene expression in alveolar macrophages in vitro and in tuberculosis patients. *Infect and Immun* 2003; 71:2058-2064.
- Hu W, Zhang Q, Su WC, Feng Z, Rom WN, Chen LC, Tang M-s, and Huang X. Gene expression of primary human bronchial epithelial cells in response to coal dusts with different prevalence of coal workers' pneumoconiosis. *J Toxicol Environ Health* 2003; 66: 1-23.
- Feng Z, Hu W, Rom W, Costa M, Tang M-s. Chromium exposure enhances polycyclic aromatic hydrocarbon – DNA binding at the p53 gene in human lung cells. *Carcinogenesis* 2003; 24:771-778.
- Raju B, Hoshino Y, Kuwabara K, Belitskaya I, Prabhakar S, Canova A, Gold JA, Condos R, Pine RI, Brown S, Rom WN, Weiden MD. Aerosolized interferon-gamma induces IP-10 but not iNOS gene expression in the lung during tuberculosis. *Infect and Immun* 2004; 72:1275-1283.
- Vathesatogkit P, Harkin TJ, Addrizzo-Harris DJ, Bodkin M, Crane M, and Rom WN. Clinical correlation of asbestos bodies in BAL fluid. *Chest* 2004; 126:966-971.

- Hoshino Y, Tse DB, Rochford G, Prabhakar S, Hoshino S, Chitkara N, Kuwabara K, Ching E, Raju B, Gold JA, Borkowsky W, Rom WN, Pine R, and Weiden MD. *Mycobacterium tuberculosis*-induced CXCR4 and chemokine expression leads to preferential X4 HIV-1 replication in human macrophages. *J Immunol* 2004; 172:6251-6258.
- Condos R, Hull FP, Schluger NW, Rom WN, and Smaldone GC. Regional deposition of aerosolized interferon-gamma in pulmonary tuberculosis. *Chest* 2004; 125: 2146-2155.
- Gold JA, Hoshino Y, Tanaka N, Rom WN, Raju B, Condos R, and Weiden M. SP-A modulates the inflammatory response in macrophages during tuberculosis. *Infect and Immun* 2004; 72: 645-650.
- Tanaka N, Hoshino Y, Gold J, Hoshino S, Martiniuk F, Kurata T, Pine R, Levy D, Rom WN, Weiden M. Interleukin-10 induces inhibitory C/EBPbeta through STAT-3 and represses HIV-1 transcription in macrophages. *Am J Respir Cell Mol Biol* 2005; 33: 406-11. Epub 2005 Jul 13.
- Sauthoff H, Papiya T, Chen S, Heitner S, Cheng J, Huang YQ, Rom WN, and Hay JG. Modification of the p53 transgene of a replication-competent adenovirus prevents mdm2- and E1b-55kD-mediated degradation of p53. *Cancer Gene Ther* 2006; 13 : 686-95.
- Arawawa A, Wu F, Costa M, Rom WN, and Tang M-s. Sequence Specificity of Cr(III)-DNA Adducts Formation in the p53 gene:NGG Sequences Are Preferential Adduct-Forming Sites. *Carcinogenesis* 2006; 27: 639-45.
- Berger Z, Rom WN, Reibman J, Kim M, Zhang S, Luo L, Friedman-Jimenez G. Prevalence of workplace exacerbation of asthma symptoms in an urban working population of asthmatics. *J Occup Environ Med* 2006; 48:833-9.
- Tchou-Wong KM, Rom WN, Fok SY, Rubin JS, Pixley F, Condeelis J, Braet F, Soon LL. Rapid chemokinetic movement and the invasive potential of lung cancer cells; a functional molecular study. *BMC Cancer*. 2006; 6: 151.
- Phillips M, Altorki N, Austin JHM, Cameron RB, Cataneo RN, Greenberg J, Kloss R, Maxfield RA, Munawar MI, Pass HI, Rashid A, Rom WN and Schmitt P. Prediction of lung cancer using volatile biomarkers in breath. *Cancer Biomarkers* 2006; 22: 1-15.
- Greenberg A, Rimal B, Felner K, Zafar S, Eylers E, Phalan B, Zhang M, Goldberg J, Crawford B, Rom WN, Naidich D, Merali S. S-Adenosyl Methionine as a biomarker for the early detection of lung cancer. *Chest* 2007; 132: 1247-52.
- Oppenheimer BW, Goldring RM, Herberg ME, Hofer IS, Reyfman PA, Liautaud S, Rom WN, Reibman J, Berger KI. Distal airway function in symptomatic subjects with normal spirometry following World Trade Center dust exposure. *Chest* 2007; 132: 1275-82.
- Cheng J, Sauthoff H, Huang Y, Kutler D, Bajwa S, Rom WN, Hay J. Human matrix metalloproteinase-8 gene delivery increases the oncolytic activity of a replicating adenovirus. *Molecular Therapy* 2007; 15: 1982-90.
- Raju B, Hoshino Y, Belitskaya-Levy I, Dawson R, Ress S, Gold JA, Condos R, Brown S, Nolan A, Rom WN, and Weiden M. Gene expression profiles of bronchoalveolar cells in pulmonary TB. *Tuberculosis* 2008; 88: 39-51.
- Hoshino Y, Hoshino S, Gold JA, Raju B, Prabhakar S, Pine R, Rom WN, Nakata K, Weiden M. Mechanisms of PMN-mediated induction of HIV-1 replication in macrophages during pulmonary tuberculosis. *J Infec Dis*. 2007; 195: 1303-10.
- Belitskaya-Levy I, Hajjou M, Su WC, Yie TA, Tchou-Wong KM, Tang MS, Goldberg JD, Rom WN. Gene profiling of normal human bronchial epithelial cells in response to asbestos and benzo(a)pyrene diol epoxide (BPDE). *J Environ Pathol Toxicol Oncol* 2007; 26:281-94.
- Maksimova E, Yie TA, Rom WN. In vitro mechanisms of lovastatin on lung cancer cell lines as a potential chemopreventive agent. *Lung* 2008; 186: 45-54.
- Ost D, Goldberg J, Rolnitzky L, Rom WN. Survival following surgery in Stage IA and IB non-small cell lung cancer. *Am J Respir Crit Care Med* 2008; 177: 516-23.

- Kurosu K, Takiguchi Y, Okada O, Yumoto N, Sakao S, Tada Y, Kasahara Y, Tanabe N, Tatsumi K, Weiden M, Rom WN, Kuriyama T. Identification of Annexin 1 as a novel autoantigen in acute exacerbation of idiopathic pulmonary fibrosis. *J Immunol* 2008; 181: 756-767.
- Condos R, Hadgiangelis N, Leibert E, Jacquette G, Harkin T, Rom WN. Case series report of a successful regimen for extensively-drug resistant tuberculosis containing Linezolid. *Chest* 2008; 134: 187- 192.
- Yee H, Yie T, Goldberg J, Tchou Wong KM, and Rom WN. Immunohistochemical study of fibrosis and adenocarcinoma in p53 transgenic mice exposed to chrysotile asbestos and benzo(a)pyrene. *J Environ Path Tox and Oncology*, in press.
- Mehta M, Chen LC, Gordon T, Rom W, Tang M-s. Particulate matter inhibits DNA repair and enhances mutagenesis. *Mutat Res*, in press.

### **C. Research Support**

#### **ACTIVE**

5T32 ES007267-16 (Rom) 07/01/92 - 06/30/12

NIH/NIEHS

Molecular and Cell Biology in Environmental Medicine Training

The purpose of this grant is to train 6 research fellows in translational research related to environmental disease and exposure.

5UO1 CA086137-07 (Rom) 05/08/00 – 02/28/10

NIH/NCI

NYU Lung Cancer Biomarker Center

Early detection research network of NCI to evaluate individuals at increased risk for cancer to identify biomarkers associated with early stage cancer. The NYU Center screens 1000 smokers including asbestos-exposed with helical CT and sputum for lung cancer. Biomarkers are abnormal p53 and k-ras.

CA114541 (Tang) 05/01/05-04/30/10

NIH/NCI

DNA Damage and Tobacco-Induced Lung Cancer

Three factors in the lung cells of tobacco smokers with and without lung cancer will be determined: 1) DNA damage distribution in the p53 and K-ras genes; 2) C5 cytosine methylation status in the p53 gene; and 3) the repair capacity.

1R01 HL090316-01(Rom) 10/01/07 – 09/30/12

NIH/NHLBI

Longitudinal Studies of HIV-Associated Bacterial Pneumonia

The purpose of this grant is to evaluate latent tuberculosis and other respiratory infections to determine their influence on the course of HIV-1 infection. Specifically, we propose to determine if bacterial pneumonia occurs at a lower incidence in the era of highly active-antiretroviral therapy (HAART) in HIV-infected individuals, and that bacterial pneumonia enhances local HIV-1 replication and mutation.

#### **COMPLETED IN LAST 3 YEARS**

RO1 HL059832-10 (Rom) 09/01/97 - 08/31/07

NIH/NHLBI

Host Response to TB and AIDS

This grant studies IFN- $\gamma$  aerosol in modulating the Th1 response in TB/HIV pulmonary disease.

Program Director/Principal Investigator (Last, First, Middle):