



- *Professor*
- *Director, Division of Env & Occ Health Science Core Clinical Lab*
- *Chief, Division of Environmental & Occupational Health Sciences*
- *Department of Medicine*

Conditions Treated:

- *Chronic Beryllium Disease*
- *Sarcoidosis Overview*
- *Environmental and Occupational Lung Diseases*
- *Beryllium Sensitization*

Research Areas:

- *Chronic Beryllium Disease*
- *Sarcoidosis Overview*
- *Environmental and Occupational Diseases*

Programs & Services:

- *Energy Employees Occupational Illness Compensation Program (EEOICP)*
- *Sarcoidosis Program*
- *Department of Medicine*
- *Division of Environmental & Occupational Health Sciences*
- *Beryllium Program*

Clinical Interests

Dr. Lisa Maier has a clinical practice focused on occupational lung disease in the Occupational and Environmental and Granulomatous Clinics at National Jewish Health. The major emphasis of her clinical practice is granulomatous lung diseases, including chronic beryllium disease, a granulomatous lung disease of known etiology, and sarcoidosis, a granulomatous lung disease of unknown etiology.

Research Interests

In addition to her clinical practice, Dr. Maier has a busy research agenda. Her work as a clinician researcher complements her clinical practice as she is involved in numerous research projects evaluating the natural history, immunologic mechanisms, and genetic and exposure risks associated with beryllium sensitization, chronic beryllium disease, and other granulomatous and occupational lung diseases that she sees in the clinic. The majority of her research is aimed at understanding susceptibility factors in the development of granulomatous lung diseases, including genetic and exposure factors, and factors which predispose people to more severe forms of the disease.

As part of these studies, we are building beryllium cohorts from worksites and building sarcoidosis cohorts from our clinic. These projects emphasize molecular epidemiology, evaluation of genetic susceptibility factors, assessment of exposures and determination of gene by gene and gene by environment interactions.

These research efforts straddle the bench/basic science and epidemiology with implications for the clinic and workplace. In addition to the above activities, Dr. Maier enjoys teaching occupational medicine residents, pulmonary fellows, educating other physicians, health care providers, and

workers and providing consultation to workers and industry.

Board Certification

Recertification Program for Continuous Professional Development Pulmonary and Internal Medicine (2004)

Diplomate in Occupational Medicine, American Board of Preventive Medicine (11/99)

Diplomate in Critical Care Medicine, American Board of Internal Medicine (11/97, # 156669)

Diplomate in Pulmonary Medicine, American Board of Internal Medicine (11/96, # 156669)

Diplomate in Internal Medicine, American Board of Internal Medicine (8/94, # 156669)

Education

1986 Cornell University (Ithaca, NY), BS

1991 Duke University (Durham, NC), MD

1998 University of Colorado Denver School of Medicine, MSPH

Residency

1991 - Duke University Medical Center (Durham, NC), Department of Internal Medicine
1994

1995 - National Jewish Health and University of Colorado Denver, Occupational and
1998 Environmental Health Medicine Division

Fellowship

1994 - University of Colorado Denver, Division of Pulmonary Sciences and Critical Care
1998 Medicine

Teaching or Professional Positions

Director, National Jewish Health, Occupational & Environmental Pulmonary Medicine practice
Director, Division of Environmental and Occupational Health Sciences Core Clinical Laboratory,
National Jewish Health

Affiliations with the University of Colorado Denver

Associate Professor, Department of Medicine, Division of Pulmonary Sciences and Critical Care
Medicine, University of Colorado Denver

Associate Professor, Department of Environmental and Occupational Health, School of Public
Health, University of Colorado Denver

Professional Memberships

2003-Present: Member, American Public Health Association

1997-Present: Member, American College of Occupational and Environmental Medicine

1996-Present: Fellow, American College of Chest Physicians

1996-Present: Member, American Thoracic Society

Awards & Recognition

2012-2014: Occupational Medicine 5280 Magazine Top Doctors List

2010: Alpha Upsilon Chapter, Colorado School of Public Health, University of Colorado Denver

Elected to the Delta Omega Honorary Society in Public Health

2009: American Thoracic Society Manuscript Presented as top paper, "Year in Review,
Environmental and Occupational Health Occupational Medicine 5280 Magazine Top Doctors List

2003: National Jewish Medical and Research Center Outstanding Junior Faculty Award

2002-2006: National Institutes of Health Loan Repayment Program Recipient

2002: American College of Occupational and Environmental Medicine Recipient, Merit in
Authorship Award

1998: American Thoracic Society David Bates Young Investigator Award

Publications

Jonth AC, Silveira L, Fingerlin T, Sato H, Luby JC, Welsh KI, Rose CS, Newman LS, du Bois RM, Maier LA, and the ACCESS Group. TGF- β 1 Variants in Chronic Beryllium Disease and Sarcoidosis. *J Immunol*; Sep 2007; 179:4255-4262. PMID: 17785866

Van Dyke MV, Martyny JW, Mroz MM, Silveira LJ, Strand M, Fingerlin TE, Sato H, Newman LS, Maier LA. Risk of chronic beryllium disease by HLA-DPB1 E69 genotype and beryllium exposure in nuclear workers. *Am J Respir Crit Care Med*; 2011 Jun 15; 183(12):1680-8. PMID: 21471109

Silveira LJ, McCanlies EC, Fingerlin TE, Van Dyke MV, Mroz MM, Strand M, Fontenot AP, Bowerman N, Dabelea DM, Schuler CR, Weston A, Maier LA. Chronic Beryllium Disease, HLA DPB1 and the DP Peptide Binding Groove. *J Immunol*. 2012 Oct 15;189(8):4014-23. PMID: 22972925

Falta M, Pinilla C, Mack D, Tinega A, Crawford F, Giulianotti M, Santos R, Clayton G, Wang Y, Zhang X, Maier LA, Marrack P, Kappler J, Fontenot A. Identification of beryllium-dependent peptides recognized by CD4+ T cells in chronic beryllium disease. *J Exp Med*. 2013 Jun 24. PMID: 23797096

Hamzeh N, Voelker A, Forssén A, Gottschall EB, Rose C, Mroz PM, Maier L. Efficacy of mycophenolate mofetil in sarcoidosis. *Respiratory Medicine*. 2014.

Doctor's Contact Information

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Locations

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