Stanford



Richard B. Moss

Professor of Pediatrics at the Lucile Salter Packard Children's Hospital, Emeritus

Pediatrics - Pulmonary Medicine

NIH Biosketch available Online Curriculum Vitae available Online

CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Richard B. Moss, MD, is former chief of the Pediatric Pulmonary and Allergy Divisions, and allergy-immunology and pulmonary fellowship training programs director, at Stanford University. He was educated at Columbia (BA), SUNY Downstate (MD), Northwestern/Children's Memorial Hospital (pediatrics residency) and Stanford (allergy-immunology, pulmonology fellowships). He was Director of the Cystic Fibrosis Center at Stanford (1991-2009) and site principal investigator for the Cystic Fibrosis Therapeutics Development Network (1999-2009), where he was also inaugural Chair of the Protocol Review Committee. He currently is a member of Stanford's Child Health Research Institute, serves on the Pediatric Mentoring Program at Stanford, the Executive Committee of Stanford's NIH clinical research program (Spectrum Child Health) and the Stanford IRB. Dr. Moss has reviewed and consulted for the NIH, CFF, national and international foundations, peer-review journals and biopharmaceutical companies. His research interests include immunopathogenesis, outcome measures, and treatment of chronic airway diseases of childhood. Recent work has focused on allergic fungal lung disease.

ACADEMIC APPOINTMENTS

- Professor Emeritus-Hourly, Pediatrics - Pulmonary Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Chief, Allergy-Immunology, Pediatrics, Stanford University, (1991-1996)
- Chair, Protocol Review Committee, Cystic Fibrosis Therapeutic Development Network, Cystic Fibrosis Foundation, (2002-2005)
- Co-Director, Allergy-Immunology Felllowship Training Program, Stanford University, (1989-1995)
- Chief, Pediatric Pulmonology, Stanford University, (1991-2006)
- Principal Investigator, CF Therapeutics Development Network Center, Stanford University, (1999-2009)
- Director, Cystic Fibrosis Center, Stanford University, (1991-2009)
- Chief, Allergy-Immunology, Pediatrics, Stanford University, (2005-2009)
- Director, Allergy-Immunology Fellowship Training Program, Stanford University, (2006-2011)

- Executive Committee, SPECTRUM Child Health, (2009- present)
- Member, Stanford IRB, (2010- present)

HONORS AND AWARDS

- Paul M. Quinton Cystic Fibrosis Research Legacy Award, Cystic Fibrosis Research Institute (2022)
- Cystic Fibrosis Champion Award, Cystic Fibrosis Research, Inc. (2017)
- Who's Who in America, Marquis (2006)
- Member, American Pediatric Society (2005)
- Professional of the Year, Cystic Fibrosis Research, Inc. (2003)
- America's Top Pediatricians-Pulmonology, Consumers Research Council of America (2002-)
- Best Doctors in America, Best Doctors (2001-)
- Professional of the Year, Cystic Fibrosis Foundation, N. Cal chapter (2008)
- Top Doctors - Pediatric Pulmonology Ten Years Award, Castle Connolly Medical Ltd American Registry (2002-2012)
- Top Doctors as Chosen by Their Peers - Pediatric Pulmology, US News and World Report (2012/2013)

PROFESSIONAL EDUCATION

- BA, Columbia University , Political Science (1971)
- MD, SUNY Downstate Med Center NYC , Medicine (1975)

COMMUNITY AND INTERNATIONAL WORK

- Project/Grant reviewer
- Scientific Advisory Board

LINKS

- Center for Excellence in Pulmonary Biology: http://breathe.stanford.edu

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am interested in the pathogenesis of chronic airways diseases of childhood. My work includes basic and clinical research. In the area of basic research, my laboratory has focused on immunoregulation of inflammation in cystic fibrosis, finding deficiencies of activated T cells from CF patients in production of counter-regulatory cytokines (IL-10, IFN-gamma) and redox metabolism. In the arena of clinical research, as a member of the CFF Therapeutics Development Network our research group conducts many trials. I have particular interests in the areas of aerosol therapy with drugs, biologics and gene vectors; mechanisms of pulmonary inflammation and immunomodulatory therapy; and corrrection of CFTR-dependent cell biology defects. We are also investigating new treatments for CF complications such as diabetes and osteoporosis, internet-based disease management, and trials of asthma drugs. Recent projects focus on development of biomarkers and treatments for allergic fungal lung disease, e.g. inhaled antifungals.

CLINICAL TRIALS

- COVID-19 Outpatient Pragmatic Platform Study (COPPS) - Acebilustat Sub-Protocol, Not Recruiting

PROJECTS

- Aspergillus-Pseudomonas interactions in Cystic Fibrosis - Stanford University (9/19/2013)
- CFTR Small Molecule Modulators and Nucleic Acid Therapies

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (PhD Program)
- Pediatric Pulmonology (Fellowship Program)

Publications

PRESENTATIONS

- What Place for Antifungals in Pulmonary Medicine? - USA Food and Drug Administration Workshop (9/25/2020)