

Stanford



Mark Nicolls

Stanford University Professor in Pulmonary and Critical Care Medicine
Medicine - Pulmonary & Critical Care Medicine

 NIH Biosketch available Online

CLINICAL OFFICES

- **Chest Clinic**

300 Pasteur Dr Rm A283

MC 5351

Stanford, CA 94305

Tel (650) 725-7061

Fax (650) 498-6288

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Diana Brown - Administrative Assistant

Email diana.brown@stanford.edu

Tel 1-650-725-4429

Bio

BIO

Dr. Mark Nicolls specializes in the treatment of lung transplant patients. He has practiced pulmonary and critical care medicine for more than 18 years. Dr. Nicolls has a special interest in how the immune system contributes to vascular disease and has a basic science laboratory which focuses on lung transplantation, pulmonary hypertension, and lymphedema.

CLINICAL FOCUS

- Pulmonary Critical Care
- Lung Transplantation

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ACADEMIC APPOINTMENTS

- Professor, Medicine - Pulmonary & Critical Care Medicine
- Member, Cardiovascular Institute
- Member, CVI/Vera Moulton Wall Center
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Member, Institute for Immunity, Transplantation and Infection, (2007- present)
- Joint Appointment, Immunology & Rheumatology, (2007- present)

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HONORS AND AWARDS

- Elected Member, The American Society for Clinical Investigation (2014-)
- Endowed Chair, The Stanford Professor of Pulmonary and Critical Care Medicine, Stanford University (2016-)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Executive Committee, Stanford Cardiovascular Institute (2010 - present)
- Steering Committee - Vera Moulton Wall Center for Pulmonary Vascular Disease, Stanford University School of Medicine (2007 - present)

PROFESSIONAL EDUCATION

- Fellowship: University of Colorado School of Medicine (1999) CO
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (1998)

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PATENTS

- Mark Nicolls, Gregg Semenza, Xinguo Jiang, Gundeep Dhillon, Jayakumar Rajadas, Geoffrey Gurtner., "United States Patent 10,220,009 HIF-1 Modulator Paint Formulation and Uses Thereof", Leland Stanford Junior University, VA, Johns Hopkins, Mar 5, 2019
- Mark Nicolls, Wen Tian, Jayakumar Rajadas. "United States Patent 9861601 Treatment of pulmonary arterial hypertension with leukotriene inhibitors.", Leland Stanford Junior University, VA Palo Alto, Jan 9, 2018

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LINKS

- Nicolls Lab website: <http://nicollslab.stanford.edu/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our lab focuses primarily on the contribution of the immune response to lung disease. We are specifically examining the contribution of inflammation to the development of vascular injury in transplantation, pulmonary hypertension and lymphedema.

CLINICAL TRIALS

- Rituximab for Treatment of Systemic Sclerosis-Associated Pulmonary Arterial Hypertension (SSc-PAH), Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Adam Andruska, Andrea Jonas, Nicholas Juul, Yu Kuang Lai, Efthymia Iliana Matthaiou, Matthew McCarra, Nils Nickel

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (Phd Program)

Publications

PUBLICATIONS

- **Preservation of microvascular integrity in murine orthotopic tracheal allografts by clopidogrel.** *Transplantation*
Heim, C., Khan, M. A., Silva-Tarouca, B. v., Kuckhahn, A., Stamminger, T., Ramsperger-Gleixner, M., Nicolls, M. R., Weyand, M., Ensminger, S. M.
2019
- **Discovery of Distinct Immune Phenotypes Using Machine Learning in Pulmonary Arterial Hypertension.** *Circulation research*
Sweatt, A. J., Hedlin, H. K., Balasubramanian, V., Hsi, A., Blum, L. K., Robinson, W. H., Haddad, F., Hickey, P. M., Condliffe, R. A., Lawrie, A., Nicolls, M. R., Rabinovitch, M., Khatri, et al
2019

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