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Editorial Board

Benjamin T. Kopp

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Biography

- Dr. Kopp earned his MD from The Ohio State University College of Medicine in 2006.
- He then completed a residency in Pediatrics at the Nationwide Children's Hospital in 2009, followed by a fellowship in Pediatric Pulmonology in 2012 and post-doctoral training with Dr. Amal Amer.
- He is currently an Assistant Professor in the Center for Microbial Pathogenesis at the Research Institute at Nationwide Children Hospital.
- Dr. Kopp main research interests revolve around infection control and biomarkers in cystic fibrosis.



Air & Water Borne Diseases

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- His specific interests include examining the CFTR control of inflammatory pathways in macrophages regulating *Burkholderia cenocepacia* and other infections in cystic fibrosis patients as well as the pathophysiology of disease acquisition in cystic fibrosis infants.
- Other research interests include Sickle Cell lung disease.



Publications

Cationic antimicrobial peptides promote microbial mutagenesis and pathoadaptation in chronic infections.

Dominique H Limoli, Andrea B Rockel, Kurtis M Host, Anuvrat Jha, Benjamin T Kopp, Thomas Hollis, Daniel J Wozniak

Polysomnographic Differences Associated with Pulmonary Hypertension in Patients with Advanced Lung Disease Due to Cystic Fibrosis.

Don Hayes, Curt J Daniels, Stephen Kirkby, Benjamin T Kopp, Kerri L Nicholson, Ashley E Nance, Mark L Splaingard



Detrimental effects of secondhand smoke exposure on infants with cystic fibrosis

Benjamin T. Kopp, Lisa Sarzynski, Sabrina Khalfoun, Don Hayes, Rohan Thompson, Lisa Nicholson, Frederick Long, Robert Castile, Judith Groner

Comprehensive evaluation of lung allograft function in infants after lung and heart-lung transplantation.

Don Hayes, Aymen Naguib, Stephen Kirkby, Mark Galantowicz, Patrick I McConnell, Peter B Baker, Benjamin T Kopp, Eric A Lloyd, Todd L Astor



Survival of patients with cystic fibrosis on ECMO: analysis of the Extracorporeal Life Support Organization Registry.

Don Hayes, Benjamin T Kopp, Thomas J Preston, Stephen Kirkby, Joseph D Tobias, Thomas J Papadimos, Bryan A Whitson

IFN- γ Stimulates Autophagy-Mediated Clearance of Burkholderia cenocepacia in Human Cystic Fibrosis Macrophages.

Kaivon Assani, Mia F Tazi, Amal O Amer, Benjamin T Kopp

Comprehensive evaluation of lung allograft function in infants after lung transplantation

Don Hayes, Aymen Naguib, Stephen Kirkby, Mark Galantowicz, Peter B. Baker, Benjamin T. Kopp, Eric A. Lloyd, Todd L. Astor

Respiratory syncytial virus: current and emerging treatment options.

Tiffany L Turner, Benjamin T Kopp, Grace Paul, Lindsay C Landgrave, Don Hayes, Rohan Thompson

Surveillance transbronchial biopsies in infant lung and heart-lung transplant recipients.

Don Hayes, Peter B Baker, Benjamin T Kopp, Stephen Kirkby, Mark Galantowicz, Patrick I McConnell, Todd L Astor

Right heart catheterization measuring central hemodynamics in cystic fibrosis during exercise.

Don Hayes, Curt J Daniels, Heidi M Mansour, Benjamin T Kopp, Andrew R Yates, Karen S McCoy, Alpa V Patel, Stephen Kirkby



Elevated high-sensitivity C-reactive protein in preterm infants with pulmonary colonization with Ureaplasma.

John T Meadows, Benjamin T Kopp, Lori A Shook, Hubert O Ballard, Don Hayes

Light exposure and depression in hospitalized adult patients with cystic fibrosis.

Benjamin T Kopp, Don Hayes, Mia Ratkiewicz, Nancy Baron, Mark Splaingard

Diabetic myonecrosis in a cystic fibrosis patient.

Benjamin T Kopp, Stephen Kirkby, Don Hayes, Kevin M Flanigan

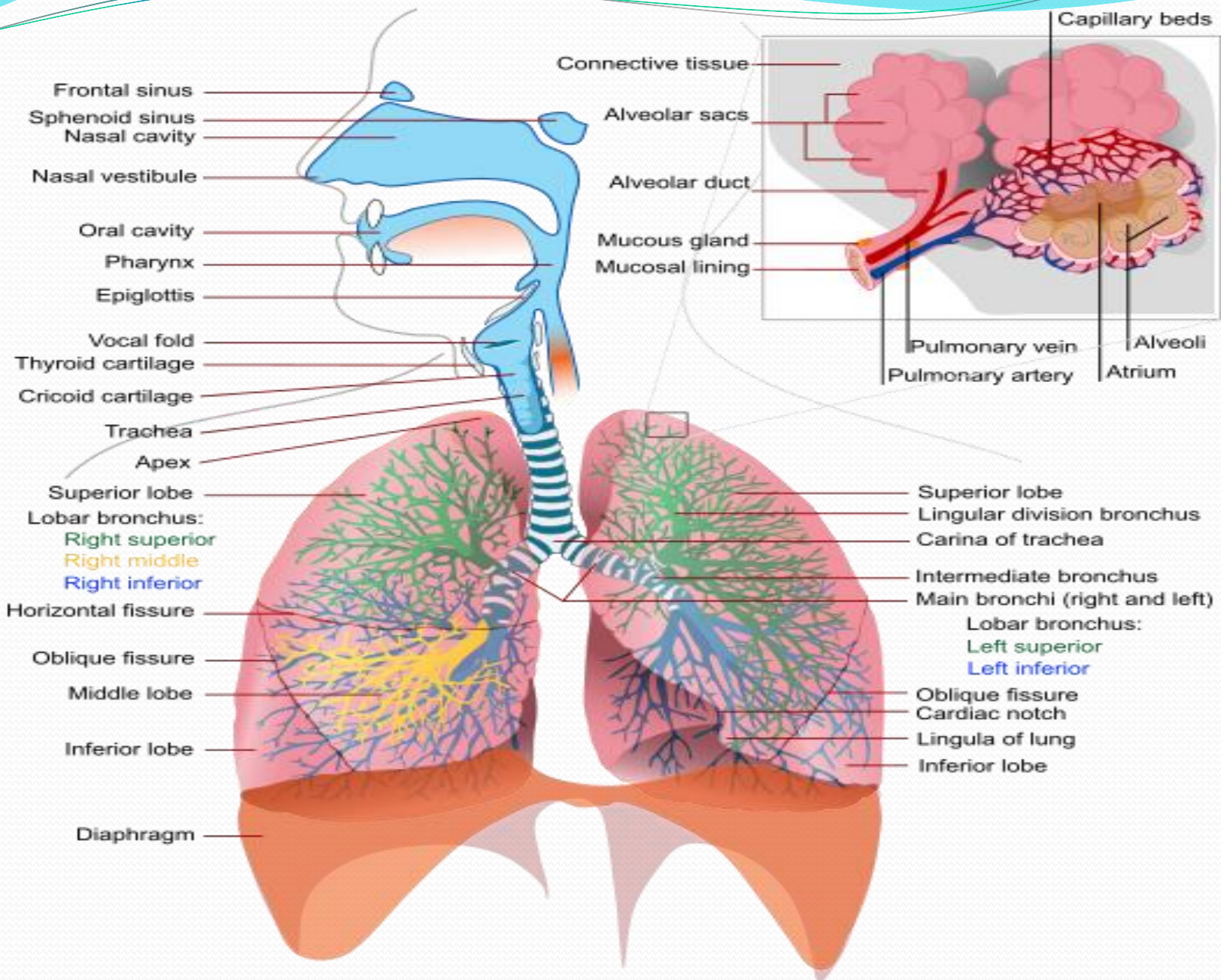


Pulmonology

Pulmonology is a medical specialty that deals with diseases involving the respiratory tract. Pulmonology is synonymous with **pneumology**, **respirology** and **respiratory medicine**.

Pulmonology is known as chest medicine and respiratory medicine in some countries and areas. *Pulmonology* is considered a branch of internal medicine, and is related to intensive care medicine.

Pulmonology often involves managing patients who need life support and mechanical ventilation. Pulmonologists are specially trained in diseases and conditions of the chest, particularly pneumonia, asthma, tuberculosis, emphysema, and complicated chest infections.





Diagnosis

The pulmonologist begins the diagnostic process with a general review focusing on:

- hereditary diseases affecting the lungs (cystic fibrosis, alpha 1-antitrypsin deficiency)
- exposure to toxins (tobacco smoke, asbestos, exhaust fumes, coal mining fumes)
- exposure to infectious agents (certain types of birds, malt processing)
- an autoimmune diathesis that might predispose to certain conditions (pulmonary fibrosis, pulmonary hypertension)

Journal of Air & Water Borne Diseases Related Journals

- Journal of Bacteriology & Parasitology
- Journal of Medical Microbiology & Diagnosis
- Journal of Microbial & Biochemical Technology
- Journal of Plant Pathology & Microbiology
- Journal of Vaccines & Vaccination



Journal of Bioterrorism & Biodefense Related Conferences

- Allergy Conference
- 4th Bacteriology and Infectious Diseases Conference
- 2nd Infectious Diseases Congress



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