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Editorial Board

Andrew Hunt

Associate Professor

Department of Earth and Environmental Sciences

University of Texas at Arlington

USA

Tel: 817-272-0437

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Biography

- Dr. Andrew Hunt completed his BSc and PhD degrees at Liverpool University, England. He then spent four years in post-doctoral research in the Environmental Geochemistry Research Group in the Royal School of Mines at Imperial College, London. For the Next 15 years Dr. Hunt was on the faculty of the Pathology Department of Upstate Medical University, Syracuse, NY. Initially appointed as a Research Assistant Professor, he was later appointed Research Associate Professor and Associate Director of the Division of Environmental and Occupational Pathology.

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- Since 2008, Dr. Hunt has been on the faculty of the Department of Earth and Environmental Sciences at the University of Texas at Arlington (in the Dallas-Fort Worth metroplex). Dr. Hunt works primarily in the field of Exposure Science. He has research interests in: inhalation toxicology, pediatric exposures to aeroallergens, exposures to heavy metals and airborne particulate matter. His work has been funded by several US Federal Agencies.

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Publications

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

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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

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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

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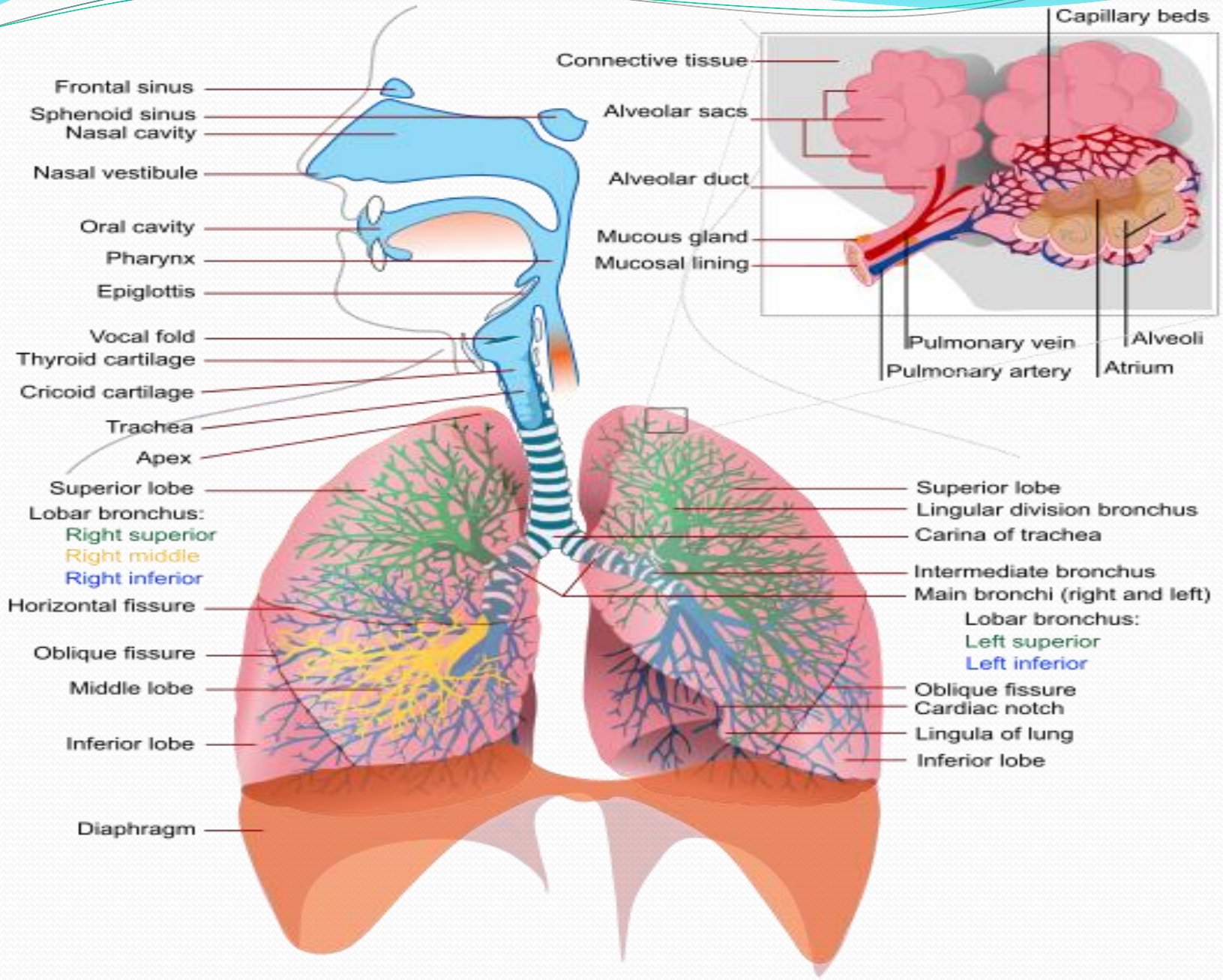
Pulmonology

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.


Frontal sinus
Sphenoid sinus
Nasal cavity
Nasal vestibule
Oral cavity
Pharynx
Epiglottis
Vocal fold
Thyroid cartilage
Cricoid cartilage
Trachea
Apex
Superior lobe
Lobar bronchus:
Right superior
Right middle
Right inferior
Horizontal fissure
Oblique fissure
Middle lobe
Inferior lobe
Diaphragm
Capillary beds
Connective tissue
Alveolar sacs
Alveolar duct
Mucous gland
Mucosal lining
Pulmonary vein
Alveoli
Pulmonary artery
Atrium
Superior lobe
Lingular division bronchus
Carina of trachea
Intermediate bronchus
Main bronchi (right and left)
Lobar bronchus:
Left superior
Left inferior
Oblique fissure
Cardiac notch
Lingula of lung
Inferior lobe

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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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