I am pleased to announce the inaugural newsletter for the Division of Allergy, Pulmonary, and Critical Care Medicine. As we have grown and diversified over the last few years, it has become harder to disseminate information and keep everyone up-to-date about the happenings of the division. Our goal is to send out this newsletter on a bimonthly basis to coincide with faculty meetings. In addition to a summary of the discussion at faculty meetings, we will provide announcements regarding divisional news, including grants, appointments, promotions, and items of general interest. In addition, we will highlight recently published papers from the division. Please let me know if you have additional ideas or suggestions regarding content.

**Newly Funded Grants**

Anna Hennes, MD  
NHLBI  
R01  
“Lipid Deposition in the Right Ventricle in Pulmonary Arterial Hypertension”

Jon Kropski, MD  
Francis Families Foundation  
Parker B. Francis Fellowship  
“Regulator of Telomere Elongation Helicase (RTEL1) in Pulmonary Fibrosis”

Michael Noto, MD, PhD  
Cystic Fibrosis Foundation  
Leroy Matthews Physician-Scientist Award  
“The Host Immune Response to Gram-Negative Pneumonia”

**Do Not Resuscitate**  
Brenda Butka, MD  
(The following poem, originally published in JAMA, is being used by medical students at Mt. Sinai as a springboard for a project. More about this [here](#).)

I can say  
your father is dying.  
I can say  
wishing will not make it so,  
belief doesn’t change a thing.  
I can say  
love does not conquer all,  
miracles are pretty stories told in church,  
the movies you saw as a child are lies,  
blind hope is not a recipe for success,  
derogatory words used in love,  
death is not the worst thing, it is just the last thing.  
But for you that is not true.  
I can say  
we have to pretend  
that we can bring him wheezing  
back to you like an old accordion,  
chest pleating in and out,  
singing his customary songs,  
oxen oxygen bumping itsardy-gurdy way  
again through his ancient heart.  
But how can I tell you how  
someone will shoot down the hallway,  
kneel  
frantic on the bed,  
lean his fists against that old breastbone,  
sharp, frail,  
one onethousand, two onethousand, and  
count it out.  
I can say  
we should not do this.  
He will never be the same.  
I can say  
if it were my father.  
I can say  
do not confuse resuscitation  
with resurrection, although  
neither works particularly well.  
You look like you are drowning,  
pallid and slow in the waiting room’s  
underwater light.  
So. Tell me.  
Tell me again.  
Tell me about your father.

**Highlights From Feb 2015 Faculty Meeting**

1. The first annual UAB & Vanderbilt Pulmonary Research Summit: focus on repair remodeling will be held June 26-27th at the Hilton Garden Inn on Broadway. The conference is being organized by Dr. Sue Majka and Dr. Amit Gaggar (UAB). The conference committee includes Dr. Josh Fessell, Lorraine Ware, James West, and Dawn Newcomb. Please make plans to attend.

2. At this year’s ATS meeting in Denver, the division is planning a combined party with the Pulmonary division at Ohio State University. Details will be coming soon.

3. Congratulations to Dr. Pierre Massion on his recent appointment to the Cornelius Vanderbilt Chair in Medicine. This is a well-deserved honor based on Dr. Massion’s many contributions to Thoracic Oncology at Vanderbilt.

4. Congratulations to Dr. Lorraine Ware who is being recognized for scientific achievement at the upcoming ATS meeting in Denver, CO.

5. Dr. Rasul Abdolrasulnia is retiring on April 2nd. Dr. Abdolrasulnia is a Research Associate Professor of Medicine who has worked in the division for many years, including the last 11 years with Dr. Brian Christman. A divisional luncheon for Dr. Abdolrasulnia will be held on 03/26/2015.

6. Dr. William Lawson has been named as Chief of the Pulmonary Section at the Nashville VA beginning in March. In addition, William will continue his position as director of the Pulmonary and Critical Care fellowship program.

7. Based on feedback from mid-year meetings with first year Pulmonary Fellows, we will be forming a faculty group to evaluate the Rogers/consult service and recommend changes to improve the fellow experience on this rotation.

8. As many of you know, our HR administrator Danica Lamb is leaving at the end of March to move to Alaska. We wish her well in her move and greatly appreciate her many contributions over the years. We are pleased to have identified her replacement, Donna Ingram, who is joining us from another group at Vanderbilt.

**Update On Dr. Light**

Dr. Light is doing well and feeling much better after his recent hip surgery. He is now recovering at home after a longer than expected stay in the hospital due to the ice storm. Best wishes for a speedy recovery!

**Divisional Remnovation Set To Start Early March**

Phase I of the divisional space renovation is set to begin in early March. In this phase, the current Fellow workspace will be converted into 3 individual offices. Phases II and III will follow later in the year to add a new fellow office, an administrative suite, and new lab space.
Resolution of chronic ocular sarcoidosis with antimycobacterial therapy

Bradley W. Richmond, Kyra Richter, Lloyd E. King, Wonder P. Drake

1. Division of Allergy, Pulmonary and Critical Care Medicine, Department of Medicine, Vanderbilt University Medical Center, Nashville, Tennessee.
2. Department of Dermatology/Department of Medicine, Vanderbilt University Medical Center, Nashville, Tennessee, 3. Division of Infectious Diseases/Department of Medicine, Vanderbilt University Medical School, Nashville, Nashville, 4. Division of Infectious Diseases/Department of Medicine, Vanderbilt University Medical School, Nashville, United States.

This case of lethal infection transmitted through bilateral thoracostomy tubes during resuscitation in a.../C3 ciara.shaver@vanderbilt.edu

Keywords: Medicine, Vanderbilt University Medical Center, Nashville, United States. -6

This study by Ferguson and colleagues, more than...3–5 However, in a...3–5 Use of these therapies depends on the...3–5

ILC2s [6]. In regard to allergic disease, IL-5 is the most important...3–5

An interleukin-5 facilitates lung metastasis by modulating the immune microenvironment

Rinar Zaynagderdinov, Taylor P. Sherrill, Linda A. Gleave1, Allyson G. McLeod, Jamie A. Saxx1, Aran C. Habermann, Linda Comelly, Daniel Dalek, R. Stokes Peeskes, Jr., Barbara Fingleton2, Fiona E. Yull, Georgios T. Stathopoulos and Timothy S. Blackwell1,2,3,4

1Department of Medicine, Division of Allergy, Pulmonary and Critical Care Medicine, Vanderbilt University, Nashville, TN, USA; 2Department of Pathology, Microbiology and Immunology, Vanderbilt University Medical Center, Nashville, TN, USA; 3Division of Dermatology, Vanderbilt University Medical Center, Nashville, TN, USA; 4T-1223, MCN, Vanderbilt University Medical Center, Nashville, TN, USA.

A Randomized Clinical Trial

Chlorhexidine bathing and health care–associated infections

Michael J. Arold, MD, PhD; Nancy J. Scaccianoce, MD; Daniel K. Krumdieck, MD; Todd W. Viny, MD; MSc; Gordon R. Benard, MD; Anthony F. Wrefor, MD

Importance: Daily bathing of critically ill patients with the broad-spectrum, topical antiseptic agent chlorhexidine is a widely performed and may reduce health care–associated infections.

Objective: To determine if daily bathing of critically ill patients with chlorhexidine decreases the incidence of health care–associated infections.

Methods, Setting, and Participants: A pragmatic cluster randomized, crossover study of 1161 21st Ave S, T-1223, MCN, Critical Care Medicine, Vanderbilt University, Nashville, Tennessee, 37232

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Fractional exhaled nitric oxide change in pediatric patients after emergency department care of asthma exacerbations

Eric Karlin, MD; Tebbeh Debsheh, MPH; R. Stokes Peeskes Jr, MD; Tina V. Hartert, MD; MPH; Emily W. Langley, MD; Donald H. Arnold, MD; MPH; [4]

doi:10.1016/j.anai.2014.11.002 Get rights and content

Approach to the Patient with the Acute Respiratory Distress Syndrome

David R. Janz, MD, MSc2, Lorraine B. Ware, MD3,4

Keywords: Diagnosis, Evaluation, Acute respiratory distress syndrome, Risk

KEY POINTS

• Before meeting the formal criteria for the diagnosis of acute respiratory distress syndrome (ARDS), patients may exhibit signs that can be used to inform the bedside practitioner as to the risk of future

Fatal Scopulariopsis Infection in a Lung Transplant Recipient: Lessons of Organ Procurement

C. M. Shaver1, J. L. Castillo, N. D. Cohen, E. L. Gruppe, G. O. Miller, J. D. Summerson, J. N. Gray, E. S. Lamprecht, J. E. Loyd and I. M. Robbins

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Department of Microbiology, Immunology, and Pathology, Vanderbilt University Medical Center, Nashville, TN

Abbreviations: BAL, bronchoalveolar lavage; GM-CSF, granulocyte-macrophage colony-stimulating factor; RIC, minimum inhibitory concentration

Received 22 May 2014, revised 30 June 2014 and accepted for publication 19 July 2014

Introduction

Donor-derived infections are a problem unique to transplant recipients. Some of the more common infections, such as...3–5

Peripheral Blood Signatures of Vasoconstrictor-Responsive Pulmonary Arterial Hypertension

Anna R. Hennes, MD, Aaron W. Tammell, MD, Stephen L. Archer, MD, Stuart Rich, MD, Chang Yu, PhD, Hui Nian, PhD, Niki Penter, Mitchell Finkle, BA, Lisa Wheeler, BA, Ivan M. Robbins, MD, Eric D. Austin, MD, MSCl, John H. Newman, MD, James West, PhD

Background—Heterogeneity in response to treatment of pulmonary arterial hypertension (PAH) is a major challenge to improving outcome in this disease. Although vasoconstrictor-responsive PAH (VR-PAH) accounts for a minority of cases, VR-PAH has a pronounced response to calcium channel blockers and better survival than vasoconstrictor-nonresponsive PAH (VNC-PAH).

We hypothesis that VR-PAH has a different molecular cause than VNC-PAH that can be detected in the peripheral blood.

Methods and Results—Microarrays of cultured lymphocytes from VR-PAH and VNC-PAH patients followed at Vanderbilt University Medical Center were used to identify differentially expressed polypeptides. These were used to evaluate candidate biomarkers in a discovery and validation cohort.