



We are proud to highlight the diverse research accomplishments and recent promotions of our faculty and fellows in this issue of PACC Rounds.

NEW GRANTS

Jahar Bhattacharya, MD, PhD

NIH-NHLBI – R01 HL057556-19A1: Novel Mechanisms of Alveolar Inflammation

08/2017-07/2021

Sanja Jelic, MD

NIH-NHLBI – R01 HL106041-06A1: Vascular Endothelial Activation in Sleep Apnea

08/2017-07/2023

David Lederer, MD, MS

NIH-NHLBI – R01 HL137234-01A1: Obstructive Sleep Apnea and Subclinical Lung Injury in Health and Disease

01/2018-12/2021

Anna Podolanczuk, MD, MS

NIH-NHLBI – K23 HL140199-01: Role of High Density Lipoproteins in Interstitial Lung Disease

01/2018-12/2022

Hans-Willem Snoeck, MD, PhD

NIH-NIA – R01 AG055910-01: Mitochondrial Maintenance Mechanisms of Stem Cells and Aging

08/2017-05/2022

March 2018

New Grants
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Recent
Publications
& Presentations
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New Faculty &
Promotions
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Fellows' Corner
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Darryl Abrams, MD

Abrams D, Garan AR, Abdelbary A, Bacchetta M, Bartlett RH, Beck J, Belohlavek J, Chen YS, Fan E, Ferguson N, Fowles J, Fraser J, Gong M, Hassan IF, Hodgson C, Hou X, Hryniewicz K, Ichiba S, Jakobleff WA, Lorusso R, MacLaren G, McGuinness S, Mueller T, Park PK, Peek G, Pellegrino V, Price S, Rosenzweig EB, Sakamoto T, Salazar L, Schmidt M, Slutsky AS, Spaulding C, Takayama H, Takeda K, Vuylsteke A, Combes A, Brodie D for the International ECMO Network (ECMONet) and the Extracorporeal Life Support Organization (ELSO). Position Paper for the Organization of ECMO Programs for Cardiac Failure in Adults. *Intensive Care Medicine*, 2018 February. [PMID: 29450594](#).

Featured Publication: Jaime Hook, MD

Hook JL, Islam MN, Parker D, Prince AS, Bhattacharya S, Bhattacharya J. Disruption of staphylococcal aggregation protects against lethal lung injury. *Journal of Clinical Investigation*, 2018 February. DOI: 10.1172/JCI95823

Rachel Miller, MD

Thomas A. Neff Lecturer at the Thomas L. Petty Aspen Lung Conference, 60th Annual Meeting, "Environment and Global Lung Health: Exposure, Susceptibility and Intervention." 2017 June.

AAAAI Foundation and Sheldon L. Spector, MD FAAAAI Memorial Lectureship at the 2018 AAAAI/ACAAI Joint Congress, "Epigenetic Changes Ascribed to Pollutant Exposures." 2018 March.

Miller RL, Zhang H, Jezioro J, De Planell Saguier M, Lovinsky-Desir S, Liu X, Perzanowski M, Divjan A, Phipatanakul W, Matsui EC. Reduced mouse allergen is associated with epigenetic changes in regulatory genes, but not mouse sensitization, in asthmatic children. *Environmental Research*, 2017 July. [PMID: 28454014](#).

Byron Thomashow, MD

Martinez F, Mannino D, Klein Leidy N, Bacci ED, Barr RG, Bowler RP, Han MK, Houfek TF, Rennard S, Thomashow B, Walsh J, Yawn BP, for the high risk COPS screening study group. A new approach for identifying patients with undiagnosed Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, 2017 March. [PMID: 27783539](#).

NEW & INCOMING FACULTY

October 2017

Meghan Aversa, MD

Assistant Professor of Medicine at the
Columbia University Medical Center
Previous position: Lung Transplant Fellow,
University of Toronto

July 2018

Michaela Anderson, MD

Assistant Professor of Medicine at the
Columbia University Medical Center
Current position: Research Fellow, Columbia
University Medical Center

Jeremy Beitler, MD, MPH

Assistant Professor of Medicine
Current position: Assistant Clinical Professor
of Medicine, UC San Diego School of
Medicine

Christine Garcia, MD, PhD

Professor of Medicine
Current position: Professor of Internal
Medicine, UT Southwestern Medical Center

Mark Snyder, MD

Assistant Professor of Medicine at the
Columbia University Medical Center
Current position: Research Fellow, Columbia
University Medical Center

PROMOTIONS

Matthew Baldwin, MD, MS

Herbert Irving Assistant Professor of Medicine
at the Columbia University Medical Center
(7/1/2017 – 6/30/2020)

Daniel Brodie, MD

Professor of Medicine at the Columbia
University Medical Center (2/1/2018)

Stephen Canfield, MD, PhD

Associate Professor of Medicine at the
Columbia University Medical Center (1/1/2018)

David Chong, MD

- Interim Program Director of the Internal
Medicine Training Program (7/1/2017)
- Official Program Director of the Internal
Medicine Training Program (10/25/2017)
- Associate Professor of Medicine at the
Columbia University Medical Center
(1/1/2018)

Jining Lu, PhD

Associate Professor of Medical Sciences (in
Medicine) at the Columbia University Medical
Center (11/1/2017)

Nina Patel, MD

Associate Professor of Medicine at the
Columbia University Medical Center
(10/1/2017)

Mark Snyder, MD, PGY7 Pulmonary & Critical Care Research Fellow

Snyder, ME, Farber, DL. Thymic-Peripheral Crosstalk in Lymphodepletion Therapy. American Journal of Transplantation, 2017 August. [PMID: 28544604](#).

John Kim, MD, PGY6 Pulmonary & Critical Care Fellow

Kim JS, Podolanczuk AJ, Borker P, Kawut SM, Raghu G, Kaufman JD, Hinckley Stukovsky KD, Hoffman EA, Barr RG, Redline SS, Lederer DJ. Obstructive sleep apnea and subclinical interstitial lung disease in MESA. Annals of the American Thoracic Society, 2017 December. [PMID: 28613935](#).

David Furfaro, MD, PGY4 Pulmonary & Critical Care Fellow

- Atri D, Furfaro D, Dhaliwal G, Feingold KR, Manesh R. Going from A to Z. New England Journal of Medicine, 2018 January. [PMID: 29298151](#).
- Furfaro D, Stephens RS, Streiff MB, Brower R. Catheter Directed Thrombolysis for Intermediate Risk Pulmonary Embolism. Annals of the American Thoracic Society, 2017 October. [PMID: 29073366](#).

Matthew Cummings, MD, PGY4 Pulmonary & Critical Care Fellow

- Cummings MJ, Bakamutumaho B, Yang W, et al. Emergence, epidemiology, and transmission dynamics of 2009 pandemic A/H1N1 influenza in Kampala, Uganda, 2009-2015. American Journal of Tropical Medicine and Hygiene, 2018 January. [PMID: 29141723](#).
- Cummings MJ, Goldberg E, Mwaka S, et al. The sixth vital sign: HIV status assessment and severe illness triage in Uganda. Public Health Action, 2017 December. [PMCID: PMC5753776](#).
- Cummings MJ, Goldberg E, Mwaka S, et al. A complex intervention to improve implementation of World Health Organization guidelines for diagnosis of severe illness in low-income settings: a quasi-experimental study from Uganda. Implementation Science, 2017 November. [PMID:29110667](#).

GRANTS

Michaela Anderson, MD, PGY7 Pulmonary & Critical Care Research Fellow

Stony Wold-Herbert Fund, Intrathoracic adipose and acute respiratory failure
07/2018-6/2019

Mark Snyder, MD, PGY7 Pulmonary & Critical Care Research Fellow

Parker B Francis Fellowship Program, Role of tissue resident memory T cells in both acute and chronic rejection following lung transplantation
07/2018-06/2021

Deborah Haisch, MD, PGY6 Pulmonary & Critical Care Fellow

Stony Wold-Herbert Fund Renewal
06/2018-6/2019

Matthew Cummings, MD, PGY4 Pulmonary & Critical Care Fellow

- Stony Wold-Herbert Fund, Clinical and molecular epidemiology of epidemic severe acute respiratory infection in Uganda
07/2017-06/2018
- DELTAS Africa Initiative, Visiting Scientist Fellowship
January 2018