



We help the world breathe
PULMONARY • CRITICAL CARE • SLEEP

Volume 2 | Issue 1
November 2016

EOPH Newsletter

EOPH web editorial committee

Craig Glazer
Kristina Bailey
Nirupama Putcha
Leonard Go
Tara Nordgren
Claire McCarthy
Christopher Rider
Hissam Haider

Dear EOPH members,

Welcome to the November 2016 EOPH newsletter. Included are the “epub ahead of print” articles from our membership for October 2016. We are certain that our members are doing great things worthy of recognition. Please send us notice of these accomplishments so that we can include them in the next newsletter. We welcome any input into what else you would like to see in the newsletter. Please contact us at kbailey@unmc.edu or craig.glazer@utsouthwestern.edu with any noteworthy publications, achievements, or suggestions for future issues.

Sincerely,

Your web committee co-chairs,

Kristina Bailey and Craig Glazer



Recent publications

This section highlights some of our members' best work in October 2016. We have only included "epub ahead of print" articles in an effort to simplify our search method while making you aware of your colleagues' most recent work.

Asthma

[The nasal methylome and childhood atopic asthma.](#) Yang IV, Pedersen BS, Liu AH, O'Connor GT, Pillai D, Kattan M, Misiak RT, Gruchalla R, Szeffler SJ, Khurana Hershey GK, Kercsmar C, Richards A, Stevens AD, Kolakowski CA, Makhija M, Sorkness CA, Krouse RZ, Visness C, Davidson EJ, Hennessy CE, Martin RJ, Togias A, Busse WW, Schwartz DA. J Allergy Clin Immunol. 2016 Oct 13. PMID: 27745942

[Minimally Important Differences and Risk Levels for the Composite Asthma Severity Index.](#) Krouse RZ, Sorkness CA, Wildfire JJ, Calatroni A, Gruchalla R, Khurana Hershey GK, Kattan M, Liu AH, Makhija M, Teach SJ, West JB, Wood RA, Zoratti EM, Gergen PJ. J Allergy Clin Immunol. 2016 Oct 12. PMID: 27744028

[Asthma in Puerto Ricans: lessons from a high-risk population.](#) Szentpetery SE, Forno E, Canino G, Celedón JC. J Allergy Clin Immunol. 2016 Oct 14. PMID: 27751794

[Predicting Severe Asthma Exacerbations in Children.](#) Puranik S, Forno E, Bush A, Celedón JC. Am J Respir Crit Care Med. 2016 Oct 6. PMID: 27710010

Climate Change

[Environment, Global Climate Change, and Cardiopulmonary Health.](#) Hasan Bayram, Alison K Bauer, Waleed Abdalati, Christopher Carlsten, Kent E. Pinkerton, George D. Thurston, John R. Balmes, and Tim K Takaro. Am J Respir Crit Care Med. First published online 21 Sep 2016 as DOI:10.1164/rccm.201604-0687PP

COPD

[A New Approach for Identifying Patients with Undiagnosed Chronic Obstructive Pulmonary Disease.](#) Martinez FJ, Mannino D, Leidy NK, Malley KG, Bacci ED, Barr RG, Bowler RP, Han MK, Houfek JF, Make B, Meldrum CA, Rennard S, Thomashow B, Walsh J, Yawn BP; High-Risk-COPD Screening Study Group. Am J Respir Crit Care Med. 2016 Oct 26. PMID: 27783539

[Visual Assessment of Chest CT Images is Independently Useful for Genetic Association Analysis in Studies of Chronic Obstructive Pulmonary Disease.](#) Halper-Stromberg E, Cho MH, Wilson C, Nevrekar D, Crapo JD, Washko G, San José Estépar R, Lynch DA, Silverman EK, Leach S, Castaldi PJ. Ann Am Thorac Soc. 2016 Oct 14. PMID: 27739898

Pneumonia

[Association of Early Do-Not-Resuscitate Orders with Unplanned Readmissions among Patients Hospitalized for Pneumonia.](#) Mehta AB, Cooke CR, Douglas IS, Lindenauer PK, Wiener RS, Walkey AJ. Ann Am Thorac Soc. 2016 Oct 18. PMID: 27753520

Pulmonary Fibrosis

[Pulmonary fibrosis in the era of stratified medicine.](#) Mathai SK, Newton CA, Schwartz DA, Garcia CK. Thorax. 2016 Oct 31. Review. PMID: 27799632

Lung Transplantation

[The Effect of Lung Transplantation on Health Related Quality of Life in the Era of the Lung Allocation Score: A U.S. Prospective Cohort Study.](#) Singer JP, Katz PP, Soong A, Shrestha P, Huang D, Ho J, Mindo M, Greenland JR, Hays SR, Golden J, Kukreja J, Kleinhenz ME, Shah RJ, Blanc PD. Am J Transplant. 2016 Oct 15. PMID: 27743488

Population studies

[Lung Function, Respiratory Symptoms and Venous Thromboembolism Risk: the Atherosclerosis Risk in Communities Study.](#) Kubota Y, London SJ, Cushman M, Chamberlain AM, Rosamond WD, Heckbert SR, Zakai N, Folsom AR. J Thromb Haemost. 2016 Oct 1. PMID: 27696765

Cancer

[Is there more to learn about the epidemiology of lung cancer?](#) Samet JM. Eur J Epidemiol. 2016 Oct 14. PMID: 27743131

[Clinical Utility of the 12-Gene DCIS Score Assay: Impact on Radiotherapy Recommendations for Patients with Ductal Carcinoma In Situ.](#) Manders JB, Kuerer HM, Smith BD, McCluskey C, Farrar WB, Frazier TG, Li L, Leonard CE, Carter DL, Chawla S, Medeiros LE, Guenther JM, Castellini LE, Buchholz DJ, Mamounas EP, Wapnir IL, Horst KC, Chagpar A, Evans SB, Riker AI, Vali FS, Solin LJ, Jablon L, Recht A, Sharma R, Lu R, Sing AP, Hwang ES, White J; Study investigators and study participants. Ann Surg Oncol. 2016 Oct 4. PMID: 27704370

[CT Screening for Lung Cancer: Part-Solid Nodules in Baseline and Annual Repeat Rounds.](#) Henschke CI, Yip R, Smith JP, Wolf AS, Flores RM, Liang M, Salvatore MM, Liu Y, Xu DM, Yankelevitz DF; International Early Lung Cancer Action Program Investigators. AJR Am J Roentgenol. 2016 Oct 11:1-9. PMID: 27726410

Environmental and Occupational Exposures

[High risks of lung disease associated with early-life and moderate lifetime arsenic exposure in northern Chile.](#) Steinmaus C, Ferreccio C, Acevedo J, Balmes JR, Liaw J, Troncoso P, Dauphiné DC, Nardone A, Smith AH. Toxicol Appl Pharmacol. 2016 Oct 8;313:10-15. PMID: 27725189

[Unconventional oil and gas development and risk of childhood leukemia: Assessing the evidence.](#) Elliott EG, Trinh P, Ma X, Leaderer BP, Ward MH, Deziel NC. Sci Total Environ. 2016 Oct 23;576:138-147. PMID: 27783932

[Occupational health risks associated with use of environmental surface disinfectants in health care.](#) Pechter E, Rosenman KD. Am J Infect Control. 2016 Oct 21. PMID: 27776821

[Pulmonary function among latino thoroughbred horse farmworkers.](#) Flunker JC, Clouser JM, Mannino D, Swanberg J. Am J Ind Med. 2016 Oct 24. PMID: 27779308

[Mortality in a combined cohort of uranium enrichment workers.](#) Yiin JH, Anderson JL, Daniels RD, Bertke SJ, Fleming DA, Tollerud DJ, Tseng CY, Chen PH, Waters KM. Am J Ind Med. 2016 Oct 18. PMID: 27753121

Genetics

[Genetic Evaluation and Testing of Patients and Families with Idiopathic Pulmonary Fibrosis.](#) Kropski JA, Young LR, Cogan JD, Mitchell DB, Lancaster LH, Worrell JA, Markin C, Liu N, Mason WR, Fingerlin TE, Schwartz DA, Lawson WE, Blackwell TS, Phillips Iii JA, Loyd JE. Am J Respir Crit Care Med. 2016 Oct 27. PMID: 27786550

[A Missense Genetic Variant in LRRC16A/CARMIL1 Improves ARDS Survival by Attenuating Platelet Count Decline.](#) Wei Y, Tejera P, Wang Z, Zhang R, Chen F, Su L, Lin X, Bajwa EK, Thompson BT, Christiani DC. Am J Respir Crit Care Med. 2016 Oct 21. PMID: 27768389

Smoking and E-cigarettes

[Smoking intensity \[pack/day\] is a better measure than pack-years or smoking status for modeling cardiovascular disease outcomes.](#) Nance R, Delaney J, McEvoy JW, Blaha MJ, Burke G, Navas-Acien A, Kaufman JD, Oelsner EC, McClelland RL. J Clin Epidemiol. 2016 Oct 18. PMID: 27769836

Mechanisms

[Ozone-derived Oxysterols Affect Liver X Receptor \(LXR\) Signaling: A Potential Role for Lipid-Protein Adducts.](#) Speen AM, Kim HH, Bauer RN, Meyer M, Gowdy KM, Fessler MB, Duncan KE, Liu W, Porter NA, Jaspers I. J Biol Chem. 2016 Oct 4. PMID: 27703007

[Mechanism of Th2/Th17-predominant and Neutrophilic, Th2/Th17-low Subtypes of Asthma.](#) Liu W, Liu S, Verma M, Zafar I, Good JT, Rollins D, Groshong S, Gorska MM, Martin RJ, Alam R. J Allergy Clin Immunol. 2016 Oct 1. PMID: 27702673

[Menthol decreases oral nicotine aversion in C57BL/6 mice through a TRPM8-dependent mechanism.](#) Fan L, Balakrishna S, Jabba SV, Bonner PE, Taylor SR, Picciotto MR, Jordt SE. Tob Control. 2016 Oct 3. PMID: 27698211

[Malondialdehyde-Acetaldehyde-Adducted Surfactant Protein Alters Macrophage Functions Through Scavenger Receptor A.](#) Sapkota M, Kharbanda KK, Wyatt TA. Alcohol Clin Exp Res. 2016 Oct 26. PMID: 27783409

[Sexual dimorphism of cardiopulmonary regulation in the arcuate nucleus of the hypothalamus.](#) Schlenker EH. Respir Physiol Neurobiol. 2016 Oct 15. Review. PMID: 27756648

Clinical Strategies and Protocols

[Risk Communication Strategies: Lessons Learned from Previous Disasters with a Focus on the Fukushima Radiation Accident.](#) Svendsen ER, Yamaguchi I, Tsuda T, Guimaraes JR, Tondel M. Curr Environ Health Rep. 2016 Oct 28. Review. PMID: 27796965

[The American Association of Occupational Health Nurses' Respiratory Protection Education Program and Resources Webkit for Occupational Health Professionals.](#) Pompeii L, Byrd A, Delclos GL, Conway SH. Workplace Health Saf. 2016 Oct 10. PMID: 27758935

Things worth celebrating

We know that many of you have successes to share with us. Please help us expand this section by emailing us your good news: kbailey@unmc.edu or craig.glazer@utsouthwestern.edu.



Send us your interesting cases

The web committee is currently soliciting interesting pulmonary cases with an EOPH focus for additional [Quick Hits](#). These cases will be posted on the website and highlighted in this newsletter. They will be peer reviewed prior to acceptance, so this is a good opportunity for your trainees. kbailey@unmc.edu or craig.glazer@utsouthwestern.edu.