

Pooneh Nabavizadeh- PSTP



Medical School

Shahid Beheshti University of Medical Sciences

Undergraduate School

N/A

Representative Publication/Presentation

1. **Pooneh Nabavizadeh**, Jiangtao Liu, Christopher M. Havel, Sharina Ibrahim, Ronak Derakhshandeh, Peyton Jacob, III, Matthew L. Springer. "Vascular endothelial function is impaired by aerosol from a single IQOS HeatStick to the same extent as by cigarette smoke." *Tobacco control journal* (accepted in May 2018)
2. **Pooneh Nabavizadeh**, Jiangtao Liu, Sharina Ibrahim, and Matthew L. Springer. (2017). Impairment of Endothelial Function by Inhalation of Heat –Not-Burn Tobacco Aerosol (conference abstract). *Circulation*. 136:A16035
3. Jiangtao Liu *, **Pooneh Nabavizadeh** *, Ronak Derakhshandeh, Xiaoyin Wang, Stanton A. Glantz, Matthew L. Springer. The Effect of Nicotine and Menthol in Secondhand Smoke on Endothelial Function (conference abstract). *Circulation Research*. 2017;121:A54
4. Wang, Xiaoyin, Ronak Derakhshandeh, Jiangtao Liu, Shilpa Narayan, **Pooneh Nabavizadeh**, Stephenie Le, Olivia M. Danforth et al. "One minute of marijuana secondhand smoke exposure substantially impairs vascular endothelial function." *Journal of the American Heart Association* 5, no. 8 (2016): e003858.
5. **Pooneh Nabavizadeh**, Shadi Ghadermarzi, and Mohammad Fakhri. "A new method to make 24-hour urine collection more convenient: a validity study." *International journal of nephrology* 2014 (2014).
6. Halimi-asl, Aliasghar, Amir Hossein Hosseini, and **Pooneh Nabavizadeh**. "Can procalcitonin reduce unnecessary voiding cystoureterography in children with first febrile urinary tract infection?" *Iranian journal of pediatrics* 24, no. 4 (2014): 418.
7. Mozaffar, Mohammad, Mohammad Reza Radpay, Hatef Zirakzadeh, **Pooneh Nabavizadeh**, Mohammad Reza Sobhiye, and Rouzbeh Motiei Langroudi. "Intra-arterial injection of acrylic cement as a complication of percutaneous vertebroplasty." *Journal of vascular surgery* 56, no. 4 (2012): 1107-1109.
8. Mozaffar, Mohammad, Mohammad Reza Sobhiyeh, Mahtab Fallahzavvareh, **Pooneh Nabavizadeh**. "Study of the Correlation between the Kind of Tobacco Product Usage and the Incidence of Buerger's Disease in Buerger's Patients in Shahid Beheshti Medicine University Hospitals in 2008-2009." *Iranian journal of surgery* 20, no. 1(2012)
9. Khoshnevis, Seyyed Jalal, Mohammad Reza Sobhiyeh, Mohammad Reza Radpey, Hatef Zirakzadeh, **Pooneh Nabavizadeh**. "Isolated Common Iliac Artery Aneurysm in Patient with Left Flank Pain." *Iranian journal of surgery* 20, no. 2 (2012)

10. Montaser-Kouhsari, Laleh, Borna Payandemehr, Taha Gholipour, Pouya Ziai, **Pooneh Nabavizadeh**, Abbas Ghasemi, Arash Bahremand, Mehdi Ghasemi, and Ahmad Reza Dehpour. "A role for opioid system in the proconvulsant effects of sildenafil on the pentylentetrazole-induced clonic seizure in mice." *Seizure* 20, no. 5 (2011): 409-413.

Languages Spoken

Persian

Hobbies

Salsa dancing and watercolor painting.

Personal Statement

The years I spent volunteering with the Red Crescent in rural parts of Iran, providing health education and screening services to thousands of indigent patients as well as disaster relief during the Varzaghan earthquake, continues to be a very humbling experience. Further, my first-hand experiences in working with limited resources in the tertiary hospitals of Iran and more recently, with cutting-edge technology in the major academic hospitals in the United States have led to my personal and academic growth. I consider myself incredibly lucky to have experienced distinct models of healthcare in both countries. Therefore, I can appreciate our many opportunities while paying heed to my roots. In the United States, I have been fortunate to work alongside leading physician-scientists who taught me to solve public health problems by linking the clinical and basic sciences. Our work has led to multiple accolades, presentations, and publications. Importantly, these experiences have taught me the value of sharing responsibility among trusted colleagues to achieve a much greater social impact.

Why I Chose Cincinnati

The physician-scientist training program at the University of Cincinnati is extraordinarily unique with one-of-a-kind opportunities to facilitate my career in helping patients and imparting a profound scientific impact in medical research. Without doubt, the UC cardiovascular research center employs only productive faculty members who serve as meaningful role models and supportive mentors. My decision was made based on two important factors: a strong evidence-based internal medicine residency training and a focus on fostering a collegial, friendly environment. As such, I was amazed by how welcoming yet incredibly impressive the residents and faculty were in their internal medicine and cardiology careers and could see myself among them. After my interview, I was certain that UC offers the ideal academic environment for me to become a compassionate yet effective physician-scientist.

Eric Vick - PSTP



Medical School

University of Tennessee Health
Science Center College of
Medicine

Graduate School

Middle Tennessee State
University
PhD. Molecular Biosciences

Undergraduate School

University of Tennessee Knoxville
BS Biological Sciences

Representative Publication/Presentation

Vick, E.J., Clark, C.T., and Lewis, J.M. (2018) Case Study: Radiation Induced Sarcoma Following Coronary Stent Placement. *Case Studies in Surgery*. In Submission.

Stein M.K., **Vick E.**, Crawley M., Alloway T., Martin M.G. (2018) Concomitant ATM Mutations Identified by NGS in a Patient with New-onset AML Following Imatinib Treatment for CML. *World of Oncology*. 9(2):66-67.

Islam S.*, **Vick E.J.***, Huber B., Morales, Spier C., Cooke L., Weterings E., Mahadevan D. (2017) Co-targeting Aurora kinase with PD-L1 and PI3K abrogates immune checkpoint mediated proliferation in Peripheral T-cell Lymphoma: A novel therapeutic strategy. *Oncotarget*. 8(59):100326–100338.

Book Chapter: Prouet P., Riney J., **Vick E.**, Wiedower E, Martin MG. Ibrutinib: Safety and Adverse Events. *Advances in Medicine and Biology*. Nova, 2017; Volume 124.

Vick E. J., Patel K., Prouet, P. Martin M.G. (2017) Proliferation Through Activation: Hemophagocytic Lymphohistiocytosis in Hematologic Malignancy. *Blood Advances*. 2017 1:779-791

Kidane D., Arivett B., Crigler J., **Vick E.J.**, Farone A., and Farone M.B. (2017) Draft Genome of *Gardnerella vaginalis* ATCC 49145 Isolate Associated with Bacterial Vaginosis. *Genome Announcements*. 2017 May 4;5(18)

Presentations

American Society for Hematology, Atlanta, GA 2017

Poster Presentation: Age-Related Chromosomal Aberrations in Patients with Diffuse Large B-Cell Lymphoma. Vick E., Patel K., Richardson N., Alloway, T., Delgado Ramos G., Altahan A., Martin M.G.

American College of Surgeons, Tennessee Annual Meeting, Nashville, TN 2017

Oral Presentation: Case Study: Radiation Induced Sarcoma Following Coronary Stent Placement. Vick E, Abraham M, Lewis J.

American Society of Clinical Oncology, Chicago, IL 2017

Poster Presentation: Survival outcomes for various treatment modalities in early-stage grade 3 follicular lymphoma (FL3) – a National Cancer Data Base (NCDB) study. Giri U., Vick E., Lee S., Altahan A., VanderWalde N., Dickson P., Deneve J., Martin M.G. 2017 *Journal of Clinical Oncology* 35 (15_suppl), 7554-7554

Poster Presentation: Survival outcomes for various treatment modalities in advanced-stage grade 3 follicular lymphoma (FL3) – a National Cancer Data Base (NCDB) study. Giri U., Vick E., Lee S., Altahan A., VanderWalde N., Dickson P.,

Deneve J., Martin M.G. 2017. Journal of Clinical Oncology 35 (15_suppl), 7551-7551

Oral Presentation: Age-Related Chromosomal Aberrations in Patients with Diffuse Large B-cell Lymphoma. Vick E., Patel K., Richardson N., Alloway T., Delgado Ramos G., Altahan A., Martin M.G.

Oral Presentation: Distribution of ETV6-NTRK3 translocations across neoplasms identified from the Mitelman Database. Malpartida J., Vick E., Richardson N., Patel K., Stein M., Martin M.G. 2017. Journal of Clinical Oncology 35 (15_suppl), e23141-e23141

Poster Presentation: Effect of adding immunotherapy (IT) to treatment regimen of mantle cell lymphoma (MCL): Analysis of the National Cancer Data Base (NCDB). Altahan A., Vick E., Giri U., Wiedower E., Martin M.G. 2017. Journal of Clinical Oncology 35 (15_suppl), e19022-e19022

American Society for Hematology, Orlando, FL 2015

Poster Presentation: Aurora Plus PI3K Inhibition Abrogates PD-L1 Induction in Peripheral T-Cell Non-Hodgkin Lymphoma

D Mahadevan, E Vick, B Huber, C Morales, L Cooke, CM Spier, W Qi

Blood 126 (23), 1560-1560

Hobbies

Hurling, strength training, gardening, and cooking.

Personal Statement

I earned my Ph.D. in 2014 investigating the innate immunity involved with bacterial vaginosis, and in medical school have modified my immunology interests to cancer therapeutics. While working on novel therapies for T-cell lymphoma, I wrote a review article that outlined current immunotherapies and potential targets on the horizon. In the process, my understanding of the possibilities for immunotherapeutic treatments expanded exponentially. My career goal became to pursue translational research, taking a therapeutic concept to the bedside as a physician scientist. My immunology background will benefit my future patients as immunotherapies become a more common first line therapy. I plan integrate my previous work on cytokine signaling to more completely understand the cytokine environment in cancer. In addition, I am interested in the potential of natural killer cells as companions to CAR-T therapies. By creating genetic modifications to NK-cell tumor recognition, it may be possible to use their robust cell-killing capabilities with extremely high accuracy. As a physician, the prospect of an immune activating agent providing increased benefit to the patient where previously there was little hope is immensely motivating.

Why I Chose Cincinnati

When I interviewed, it was obvious that Cincinnati had an environment that was dedicated to the advancement of medical training and a cordial atmosphere that I could thrive in. Moreover, the research options are numerous allowing me to choose between several prominent investigators as I simultaneously pursue a career in medical research and medical practice.