

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

X



Memorial Sloan Kettering  
Cancer Center

[Make an Appointment](#)  
[Back](#)

[Find a Physician](#) [Treatment](#)  
[For Research Scientists](#) [Learn About Cancer & Treatment](#)

## ABOUT US

[Our mission, vision & core values](#)

[Leadership](#)

[History](#)

[Inclusion & belonging](#)

[Annual report](#)

[Give to MSK](#)

## FOR THE MEDIA



**Lab Phone**

646-888-2361

**Lab Fax**

646-422-0502

**Email**

[keithj@sloankettering.edu](mailto:keithj@sloankettering.edu)

**Dissertation**

[Impact of gut-dwelling, antibiotic-resistant pathobionts on mucosal immune activation and antimicrobial defenses \(2019\)](#)

**Mentor**

Eric Pamer

**Start Year**

2013

**End Year**

2020

**Education**

BA, Vassar College

**Fellowships**

[Robert B. Catell Fellowship \(2014-2015\)](#)

## Publications

[Keith J, Dong Q, Sorbara MT, Becattini S, Sia JK, Gjonalaj M, Seok R, Leiner I, Littmann E, Pamer EG. \(2020\) Impact of antibiotic-resistant bacteria in the mouse intestine on immune activation and \*Clostridioides difficile\* infection. \*Infect Immun.\*, pii: IAI.00362-19. \[Epub ahead of print\]](#)

[Gjonalaj M, Keith JW, Do MH, Hohl TM, Pamer EG, Becattini S. Antibiotic degradation by commensal microbes shields pathogens. \(2020\) \*Infect Immun.\*, pii: IAI.00012-20 \[Epub ahead of print\]](#)

[Keith JW, Pamer EG. \(2018\) Enlisting commensal microbes to resist antibiotic-resistant pathogens. \*J Exp Med\*, pii: jem.20180399. \[Epub ahead of print\]](#)

[Bakst RL, Xiong H, Chen CH, Deborde S, Lyubchik A, Zhou Y, He S, McNamara W, Lee SY, Olson OC, Leiner IM, Marcadis AR, Keith JW, Al-Ahmadie HA, Katabi N, Gil Z, Vakiani E, Joyce JA, Pamer E, Wong RJ. \(2017\) Inflammatory Monocytes Promote Perineural Invasion via CCL2-Mediated Recruitment and Cathepsin B Expression. \*Cancer Res.\* 77, 6400-6414. PMCID: PMC5831809 \[Available on 2018-11-15\]](#)

[Xiong H, Keith JW, Samilo DW, Carter RA, Leiner IM, Pamer EG. \(2016\) Innate Lymphocyte/Ly6Chi Monocyte Crosstalk Promotes \*Klebsiella pneumoniae\* Clearance. \*Cell\*, pii: S0092-8674, 30273-2.](#)

[Abt MC, Buffie CG, Sušac B, Becattini S, Carter RA, Leiner I, Keith JW, Artis D, Osborne LC, Pamer EG. \(2016\) TLR-7 activation enhances IL-22-mediated colonization resistance against vancomycin-resistant enterococcus. \*Sci Transl Med.\*, 8, 327ra25.](#)

[View a full listing of James W. Keith, Jr.'s journal articles.](#)

© 2026 Memorial Sloan Kettering Cancer Center