

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

×



Memorial Sloan Kettering
Cancer Center

[Make an Appointment](#)

[← Back](#)

[For Research Scientists](#)

[Main Appointment & Treatment](#)

[Refer a Patient](#)

ABOUT US

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

[Leadership](#)

[History](#)

[Equality, diversity & inclusion](#)

[Annual report](#)

[Give to MSK](#)



Lab Phone

646-888-2361

Lab Fax

646-422-0502

Email

keithj@sloankettering.edu

James W. Keith, Jr.

Dissertation

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

Mentor

Eric Pamer

Start Year

2013

End Year

2019

Education

BA, Vassar College

Fellowships

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

Publications

[Keith J, Dong Q, Sorbara MT, Becattini S, Sia JK, Gjonbalaj 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. \[Epub ahead of print\]](#)

[Gjonbalaj 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. PMID: 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.](#)

Connect

[Contact us](#)

[Locations](#)

APPOINTMENTS

[800-525-2225](#)



▾ About MSK

[About us](#)

[Careers](#) 

[Giving](#) 

▾ Cancer Care

[Adult cancer types](#)

[Child & teen cancer types](#)

[Integrative medicine](#)

[Nutrition & cancer](#)

[Find a doctor](#)

▾ Research & Education

[Sloan Kettering Institute](#)

[Gerstner Sloan Kettering Graduate School](#) 

[Graduate medical education](#)

[MSK Library](#) 

[Communication preferences](#)

[Cookie preferences](#)

[Legal disclaimer](#)

[Accessibility statement](#)

[Privacy policy](#)

[Price transparency](#)

[Public notices](#)

© 2024 Memorial Sloan Kettering Cancer Center