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FOR THE MEDIA



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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, 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.](#)

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