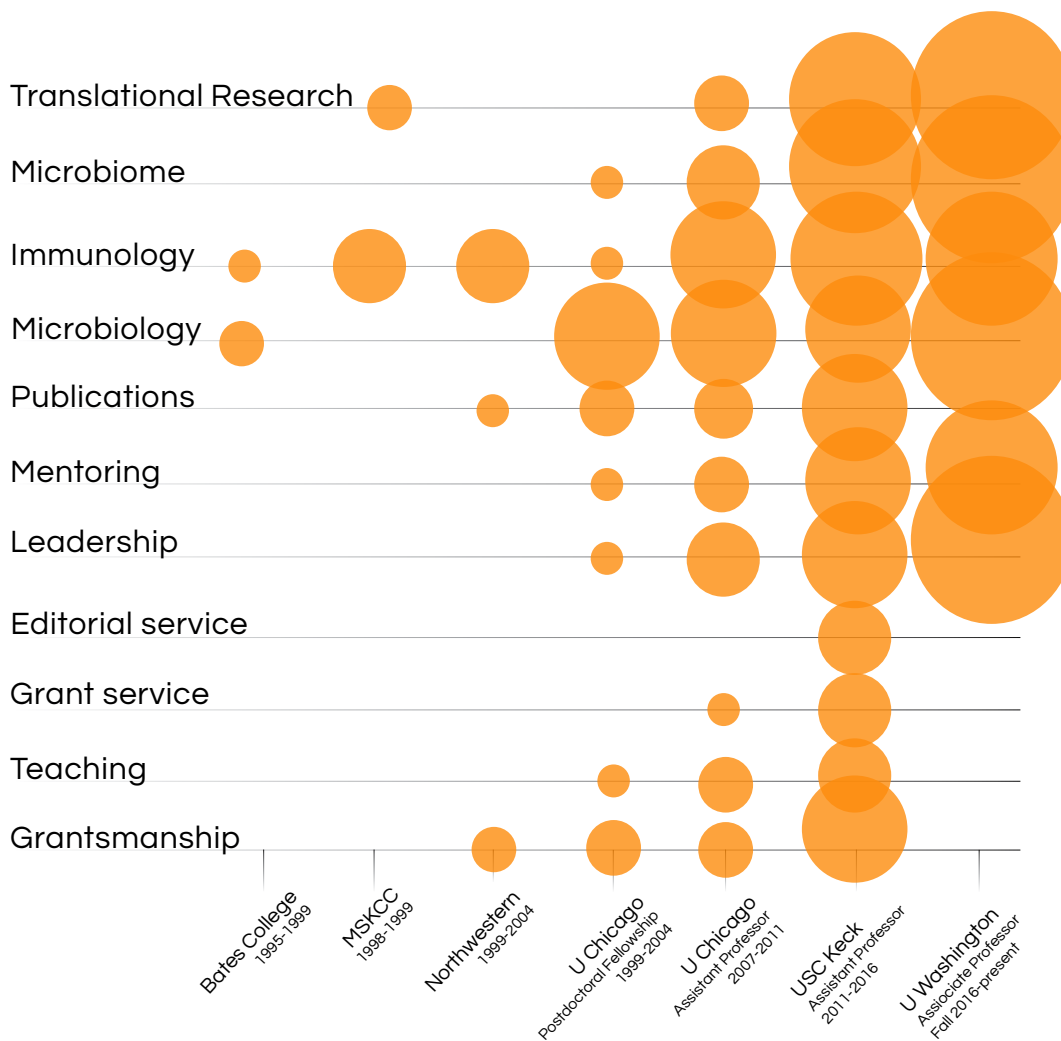


William DePaolo, PhD

wdepaolo@medicine.washington.edu | www.depaololab.com



Current Research Focus

- Immunity, environment and microbiome in IBD and colon cancer
- Nutrition, microbiome and metabolic disease
- Pathogen-microbiome-host crosstalk in infectious disease
- Microbiome-based immunotherapy

Leadership Roles

- > Director of Center for Microbiome Sciences & Therapeutics (CMiST) (Fall 2016-present)
- > Associate Director of KSOM Graduate Program (Fall 2015-present)
- > Member, IACUC (2011-2015)
- > Member, USC Biosafety Committee (2011-2014)
- > Organizer, ImmunologyLA conference (2012-2015)

Significant Publications

Nguyen V, Pearson K, Kim JH, Kamdar K, DePaolo RW. Retinoic acid can exacerbate T cell intrinsic TLR2 activation to promote tolerance. *PLoS One*. 2015 Mar 31;10

Michail S, Bultron G, DePaolo RW. Genetic variants associated with Crohn's disease. *Appl Clin Genet*. 2013 July 16;6:25-32.

Sugiura Y, Khakpour S, Young G, Karpus WJ and DePaolo RW. Generation of anti-Yersinia mucosal immunity is dependent upon TLR1-induced CCL20. *Mucosal Immunology*. 2013. Nov; 6(6):1101-9.

DePaolo RW*, Khakpour S, Wang W, Antonopoulous D, and Jabri B*. A specific role for TLR1 in protective TH17 immunity during mucosal infection. *J. Ex. Med*. 2012 July 30;209:1437-44 *co-corresponding authors

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DePaolo RW*, Abadie V*, Tang F, Hall J.A., Wang W., Marietta EV, Murray J.A, Belkaid Y. and Jabri B. Co-adjuvant effects of retinoic acid and IL-15 promote inflammatory immune responses to dietary antigens. *Nature* 2011 Mar 10; 471: 220-224.

*authors contributed equally Highlighted in Faculty of 1000 web-based review