

# Stanford

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## Amy Jacobson

Director of Microbiome Therapies, Microbiome Therapies Initiative (MITI)

### Bio

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#### CURRENT ROLE AT STANFORD

Senior Scientific Program Manager, Sarafan ChEM-H and Stanford Innovative Medicines Accelerator

### Publications

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#### PUBLICATIONS

- **Bacteroides thetaiotaomicron rough-type lipopolysaccharide: The chemical structure and the immunological activity** *CARBOHYDRATE POLYMERS*  
Pither, M., Illiano, A., Pagliuca, C., Jacobson, A., Mantova, G., Stornaiuolo, A., Colicchio, R., Vitiello, M., Pinto, G., Silipo, A., Fischbach, M. A., Salvatore, P., Amoresano, et al  
2022; 297: 120040
- **Gut commensal bacteria enhance pathogenesis of a tumorigenic murine retrovirus.** *Cell reports*  
Spring, J., Khan, A. A., Lara, S., O'Grady, K., Wilks, J., Gurbuxani, S., Erickson, S., Fischbach, M., Jacobson, A., Chervonsky, A., Golovkina, T.  
2022; 40 (11): 111341
- **CRISPR-based functional genomics in human dendritic cells.** *eLife*  
Jost, M., Jacobson, A. N., Hussmann, J. A., Cirolia, G., Fischbach, M. A., Weissman, J. S.  
2021; 10
- **The Biosynthesis of Lipooligosaccharide from Bacteroides thetaiotaomicron.** *mBio*  
Jacobson, A. N., Choudhury, B. P., Fischbach, M. A.  
2018; 9 (2)
- **Mammalian Lipopolysaccharide Receptors Incorporated into the Retroviral Envelope Augment Virus Transmission** *CELL HOST & MICROBE*  
Wilks, J., Lien, E., Jacobson, A. N., Fischbach, M. A., Qureshi, N., Chervonsky, A. V., Golovkina, T. V.  
2015; 18 (4): 456-462
- **A Phase-Variable Surface Layer from the Gut Symbiont Bacteroides thetaiotaomicron** *MBIO*  
Taketani, M., Donia, M. S., Jacobson, A. N., Lambris, J. D., Fischbach, M. A.  
2015; 6 (5)
- **Congo Red Interactions with Curli-Producing E. coli and Native Curli Amyloid Fibers.** *PloS one*  
Reichhardt, C., Jacobson, A. N., Maher, M. C., Uang, J., McCrate, O. A., Eckart, M., Cegelski, L.  
2015; 10 (10): e0140388