

Stanford



Daniel Sprockett

Ph.D. Student in Microbiology and Immunology, admitted Autumn 2013

Bio

EDUCATION AND CERTIFICATIONS

- M.Sc., Kent State University , Ecology & Evolutionary Biology (2009)
- B.Sc., Kent State University , Cell & Molecular Biology (2006)

Research & Scholarship

LAB AFFILIATIONS

- David Relman, Relman Lab (6/1/2014)

Professional

WORK EXPERIENCE

- Research Assistant - Case Western Reserve University

Publications

PUBLICATIONS

- **Characterization of the facial microbiome in twins discordant for rosacea** *EXPERIMENTAL DERMATOLOGY*
Zaidi, A. K., Spaunhurst, K., Sprockett, D., Thomason, Y., Mann, M. W., Fu, P., Ammons, C., Gerstenblith, M., Tuttle, M. S., Popkin, D. L.
2018; 27 (3): 295–98
- **Role of priority effects in the early-life assembly of the gut microbiota.** *Nature reviews. Gastroenterology & hepatology*
Sprockett, D., Fukami, T., Relman, D. A.
2018; 15 (4): 197–205
- **The effect of microbial colonization on the host proteome varies by gastrointestinal location** *ISME JOURNAL*
Lichtman, J. S., Alsentzer, E., Jaffe, M., Sprockett, D., Masutani, E., Ikwa, E., Fragiadakis, G. K., Clifford, D., Huang, B. E., Sonnenburg, J. L., Huang, K. C., Elias, J. E.
2016; 10 (5): 1170-1181
- **Comparison of pectin-degrading fungal communities in temperate forests using glycosyl hydrolase family 28 pectinase primers targeting Ascomycete fungi** *JOURNAL OF MICROBIOLOGICAL METHODS*
Gacura, M. D., Sprockett, D. D., Heidenreich, B., Blackwood, C. B.
2016; 123: 108-113
- **Use of 16S rRNA sequencing and quantitative PCR to correlate venous leg ulcer bacterial bioburden dynamics with wound expansion, antibiotic therapy, and healing.** *Wound repair and regeneration*
Sprockett, D. D., Ammons, C. G., Tuttle, M. S.
2015; 23 (5): 765-771

- **Evolutionary analysis of glycosyl hydrolase family 28 (GH28) suggests lineage-specific expansions in necrotrophic fungal pathogens** *GENE*
Sprockett, D. D., Piontkivska, H., Blackwood, C. B.
2011; 479 (1-2): 29-36
- **Circadian Input Kinases and Their Homologs in Cyanobacteria: Evolutionary Constraints Versus Architectural Diversification** *JOURNAL OF MOLECULAR EVOLUTION*
Baca, I., Sprockett, D., Dvornyk, V.
2010; 70 (5): 453-465