



MMI 291 Seminar Series

Current Theme: Interdisciplinary Research
Winter Quarter 2021 – CRN 33311



Friday Seminar – 12:10-1 p.m.

*“Impact of *B. infantis* EVC001 Feeding in Premature and Term Infants on the Gut Microbiome, Nosocomially Acquired Antibiotic Resistance, and Enteric Inflammation”*

Research / Bio

Dr. Bethany Henrick is an immunologist with extensive experience investigating maternal and infant immunity as well as a decade of experience designing, optimizing and bringing to market rapid point-of-care diagnostics focused on improving the lives of individuals globally. In addition to her position at Evolve Bio, Bethany also serves as an Adjunct Assistant Professor in the Food Science and Technology Department at the University of Nebraska Lincoln. Prior to joining Evolve, she managed international, multi-discipline scientific projects at UC Davis as Associate Director of the Foods for Health Institute. Bethany received her PhD in Medical Sciences, specializing in Infection and Immunity, from McMaster University.

Publications

Nguyen M, Holdbrooks H, Mishra P, Abrantes M, Eskew S, Garma M, Oca C, McGuckin C, Hein C, Mitchell R, Kazi S, Chew S, Casaburi G, Brown H, Frese S, **Henrick BM**. *Impact of Probiotic *B. infantis* EVC001 Feeding in Premature Infants on the Gut Microbiome, Nosocomially Acquired Antibiotic Resistance, and Enteric Inflammation*. *Frontiers in Pediatrics*, 19 Oct 2020
DOI: [10.21203/rs.3.rs-92208/v1](https://doi.org/10.21203/rs.3.rs-92208/v1) PPR: PPR227935

Bethany M. Henrick, Lucie Rodriguez, Tadeally Lakshnikanth, Chirstian Pou, Ewa Henckel, Axel Olin, Jun Wang, Jarmoir Mikes, Ziyang Tan, Yang Chen, Amy M. Erlich, Anna Karin Bernhardtsson, Constantin Habimana Mugaho, Ylva Ambrosiani, Anna Gustafsoon, Stephanie Chew, Heather K. Brown, Johann Prumbs, Kajsa Bohlin, Ryan D. Mitchell, Mark A. Underwood, Jennifer T. Smilowitz, J. Bruce German. *Bifidobacteria-mediated immune system imprinting early in life*. View ORCID Profile Petter Brodin. Doi: <https://doi.org/10.1101.10.24.353250>

Henrick BM, Chew S, Casaburi G, Brown HK, Frese SA, Zhou Y, Underwood MA, Smilowitz JT. Colonization by *B. infantis* EVC001 modulates enteric inflammation in exclusively breastfed infants. *Pediatr Res*. 2019 Dec;86(6):749-757. doi: 10.1038/s41390-019-0533-2. Epub 2019 Aug 23. PMID: 31443102; PMCID: PMC6887859.

March
5



Bethany Henrick, Ph.D.
Director, Immunology &
Diagnostics Evolve Biosystems
Adjunct Assistant Professor
Food Science & Technology
University of Nebraska, Lincoln

March 5, 2021
12:10 – 1 p.m.
ZOOM Meeting

Medical Microbiology
& Immunology
School of Medicine

Seminar Contact:
Autumn Vega
530-752-9401
avega@ucdavis.edu

We hope to see you there!