April 10, 2020
12:10 – 1 p.m.

ZOOM Meeting

“Impacts of a Zinc Transporter on the Microbiota and Physiology of the Colon: Findings from a Znt7-/- Mouse Model”

Research

Dr. Kable is interested in the interaction between microbial communities, food and human health. Using in vitro digestion/fermentation models and sequence-based characterization of microbial community structures during human and animal dietary interventions, the Kable Lab investigates how foods rich in complex carbohydrates and polyphenols can influence the structure of the gut microbial community and its metabolic products. Dr. Kable collaborates closely with the Lemay and Stephensen labs to characterize how gut microbial characteristics influence human health. This presentation will focus on the potential impact of dietary zinc absorption on the microbial and physiological composition of the colon.

Publications


The Effects of Moderate Whole Grain Consumption on Fasting Glucose and Lipids, Gastrointestinal Symptoms, and Microbiota. Cooper DN, Et al. Nutrients. 2017 Feb


Mary E. Kable, PhD.
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USDA ARS WHNRC
Assistant Adjunct Professor
Department of Nutrition
University of California, Davis

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We hope to see you there!

Seminar Contact:
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Medical Microbiology & Immunology
School of Medicine

We hope to see you there!