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The Nutrition, Immunity, and Inflammation Conference: From Model Systems to Human Trials

Organizer Bio: Sarah S. Comstock, PhD

Assistant Professor, Food Science and Human Nutrition, Michigan State University, East Lansing, USA

Sarah S. Comstock studies the impact of nutritional exposures on human gastrointestinal microbiota and immune function. Her primary focus is the effect of the infant diet on infant gastrointestinal microbiota assembly and immune system development. She approaches maternal and child health from both a mechanistic and public health perspective. She has extensive experience using animal models (pigs and mice) to determine how dietary components impact innate and adaptive immunity.

Comstock earned a BS in biochemistry from the University of Chicago and a PhD in nutritional biology from the University of California, Davis. After a postdoc with Sharon Donovan at the University of Illinois, Urbana-Champaign, she joined the Department of Food Science and Human Nutrition at Michigan State University.

In addition to her own research program, Comstock leads the Microbiome Group for the Michigan Archive for Research in Child Health (MARCH), a part of the NIH Environmental Influences on Child Health Outcomes Program.