



International Conference

THE MICROBIOME THROUGHOUT LIFE

Translating new science into clinical practice

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MICHAEL SILVERMAN

Michael Silverman MD/PhD, Assistant Professor of Pediatrics at the Perelman School of Medicine, University of Pennsylvania and Attending Physician in Pediatric Infectious Disease at the Children's Hospital of Philadelphia (CHOP), studies how early-life commensal microbes train the immune system. He received his PhD in immunology in 2007 at Penn, completed post-doctoral training at Harvard Medical School and opened his research program in 2016 at CHOP. His laboratory uses state of the art gnotobiotic techniques to decipher the cellular and molecular interaction between early-life commensal microbes and the developing immune system. His laboratory developed "PedsCom" the first gnotobiotic model of the preweaning microbiome to facilitate the long-term goal of developing microbial medicines to prevent autoimmune diseases.

