MMI 291 Seminar Series
Current Theme: Interdisciplinary Research
Spring Quarter 2021 – CRN 51367

Friday Seminar – 12:10-1 p.m.

“Disruption of microbiota and intestinal epithelial interactions during early-life promotes obesity”

Research / Bio

Dr. Mariana Byndloss is native of Brazil. She earned her DVM and MSc in Veterinary Pathology from Universidade Federal de Minas Gerais (UFMG) in Brazil. Her doctoral work performed at UFMG and UC Davis was awarded the Brazilian National Prize for best PhD thesis in Veterinary Medicine. She performed her postdoctoral training in Dr. Andreas Bäumler’s laboratory at UC Davis studying the link between ER stress and innate immunity as well as the interactions between the host and intestinal microbiota during dysbiosis. Her research aims to understand how detrimental environmental factors (e.g., obesogenic diet and antibiotics) disrupt the beneficial interactions between the gut microbiota and the intestinal epithelium, leading to an increased risk of obesity and inflammatory bowel disease.

Publications

