“Dysbiosis in the Preterm Neonate: Prevention and Treatment”

Josef Neu, M.D.
Professor, Department of Pediatrics
Co-Director, Neonatal-Perinatal Medicine Fellowship Program
UF Health, Florida

Non culture based technologies for sequencing the microbial genome have opened new avenues that aid in the understanding of how microbes interact with the human host. Various other “omic” technologies are also being developed along with bioinformatic analyses that provide a much better overall mechanistic view on these interactions. This lecture will provide an overview of how these interactions along with environmental perturbations may affect subsequent health during early life.