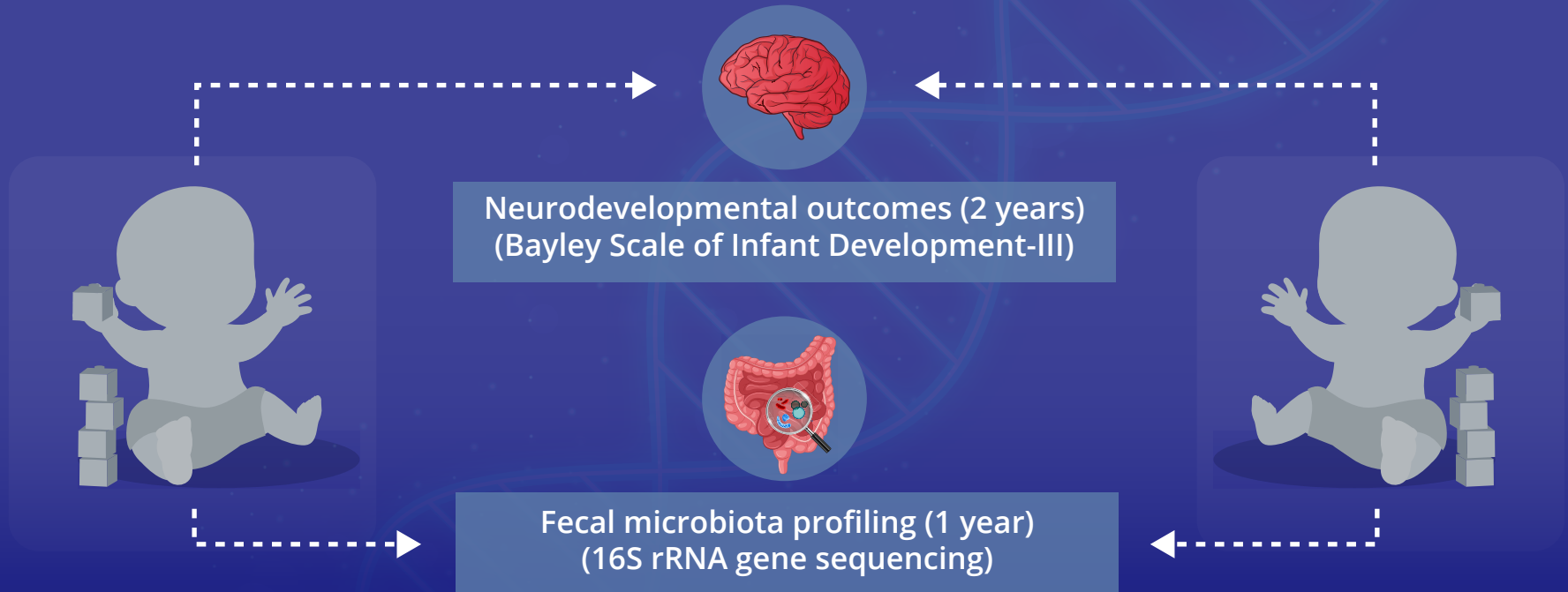


# Is There a Temporal Association Between Gut Microbiota and Neurodevelopment?

405 infants from the Canadian Healthy Infant Longitudinal Development cohort study



*Bacteroides* species in the gut and associated sphingolipid synthesis influence neurodevelopmental outcomes during late infancy, particularly in male infants

**Gut microbiota influences neurodevelopmental outcomes in a sex-dependent manner during late infancy**



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Adapted from peer-reviewed research article:  
Bacteroides-dominant gut microbiome of late infancy is associated with enhanced neurodevelopment  
Tamana et al. (2021) | *Gut Microbes* | 10.1080/19490976.2021.1930875

