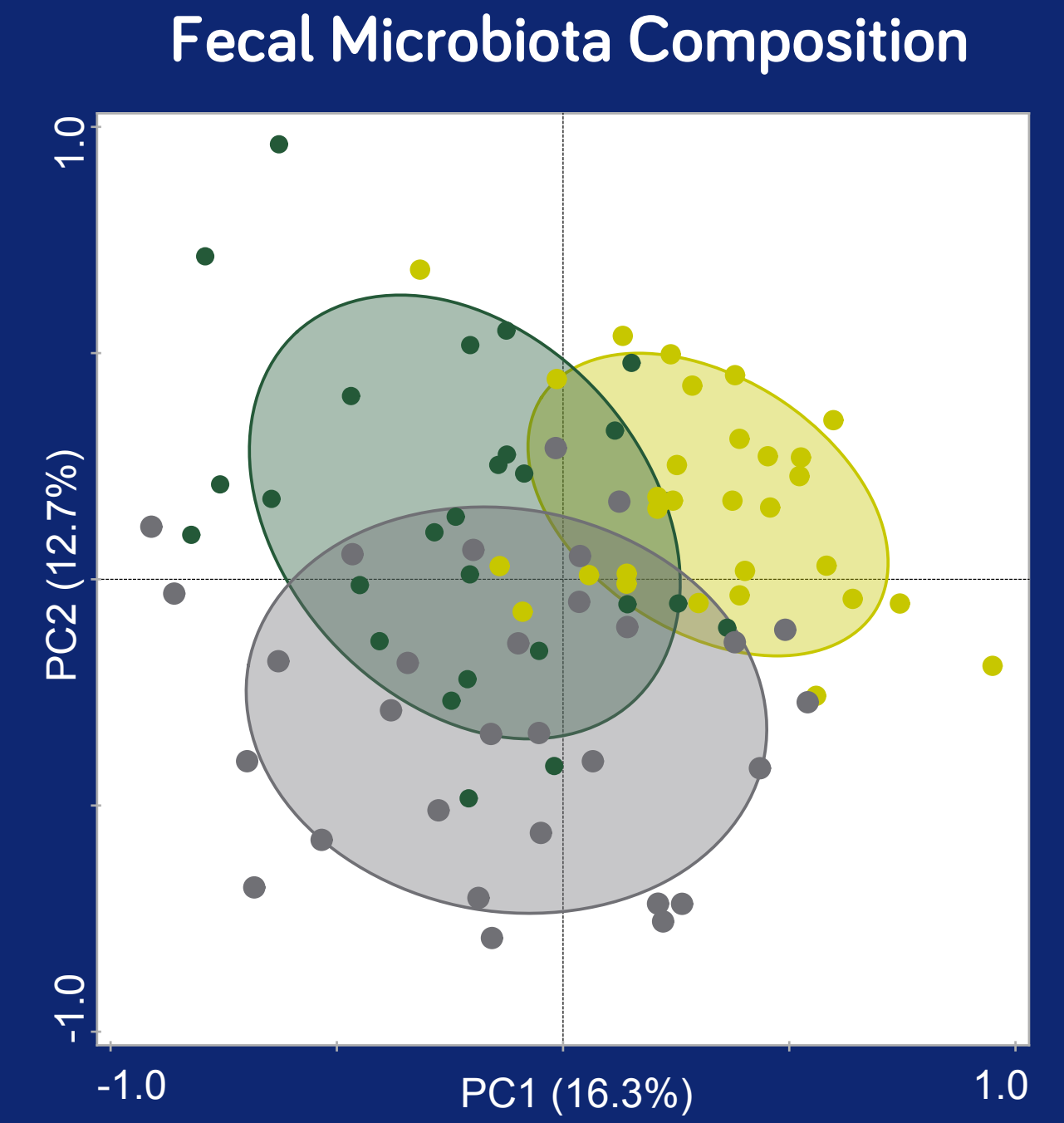
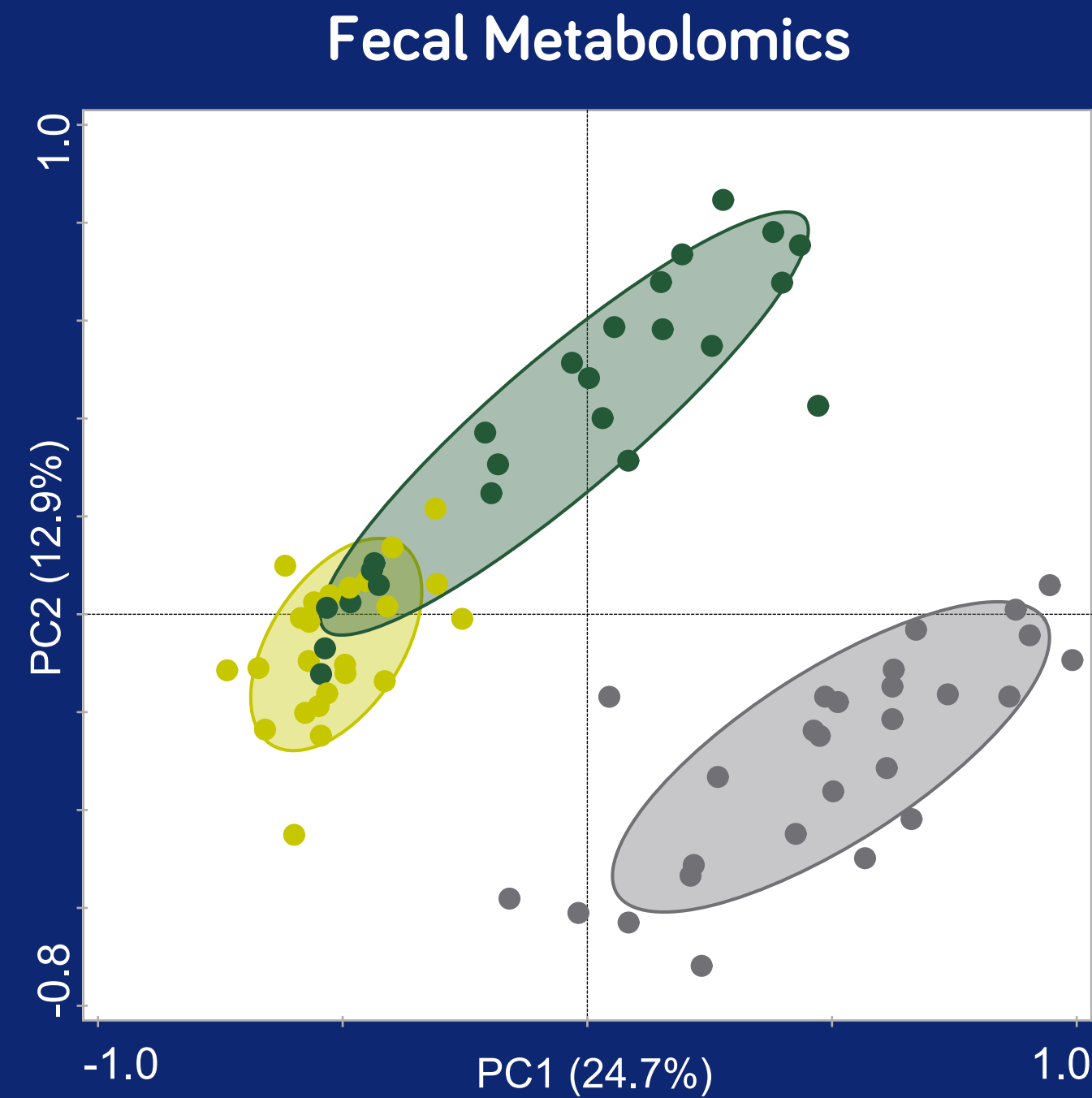


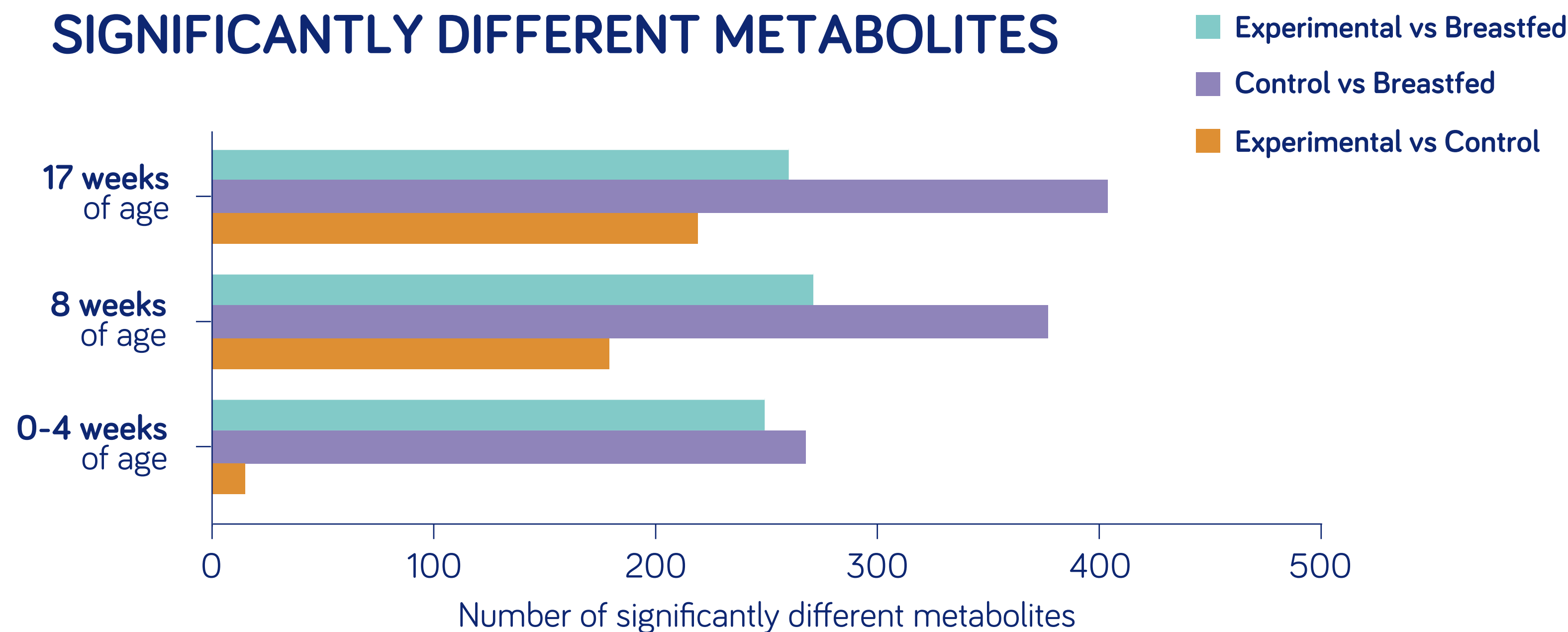
# EARLY LIFE FECAL MICROBIOME AND METABOLOME DYNAMICS IN RESPONSE TO AN INTERVENTION WITH INFANT FORMULA CONTAINING SPECIFIC PREBIOTICS AND POSTBIOTICS

## SAMPLES TAKEN AT 17 WEEKS OF AGE

<b>EXPERIMENTAL</b> n=24 / n=27	<b>Postbiotics + Prebiotics</b>
<b>CONTROL</b> n=24 / n=30	<b>Control Product</b> (no postbiotics, no prebiotics)
<b>REFERENCE</b> n=27 / n=30	<b>Exclusively Breastfed</b>



## SIGNIFICANTLY DIFFERENT METABOLITES



## CONCLUSIONS

- ▶ High-resolution phenotypic profiling by untargeted fecal metabolomics provides a powerful approach to further explore gut microbiota interactions with nutrition and early life health
- ▶ Early life nutrition impacts both the fecal metabolome and microbiome. Biggest differences were observed between control and breastfed