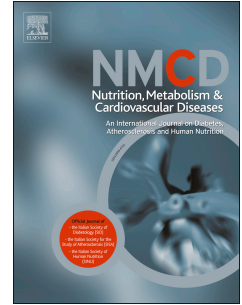


# Accepted Manuscript

Phenylketonuric Diet Negatively Impacts On Butyrate Production

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## PHENYLKETONURIC DIET NEGATIVELY IMPACTS ON BUTYRATE PRODUCTION

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**Keywords:** Phenylketonuria, Short Chain Fatty Acids, butyrate, *Faecalibacterium prausnitzii*

**Abbreviation list:** BMI (Body Mass Index); DGGE (denaturing gradient gel electrophoresis); GI (Glycemic Index); GL (Glycemic Load); MHP (Mild Hyperphenylalaninemia); PAH (Phenylalanine Hydroxylase); PHE (Phenylalanine); PKU (Phenylketonuria); qPCR (Real Time PCR); SCFA (Short Chain Fatty Acids).

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