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A comparative study: Probiotics number in fermented bitter melon (*Momordica charantia*) juice decreased blood sugar and lipid profiles

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ABSTRACT
Purposes: *Momordica charantia* (MC) contains triterpenes, proteins, and steroids with anti-diabetic and antioxidative properties. Developing type 2 diabetes (T2DM) in prediabetes can be reduced by probiotics consumption. The pathogenesis and progression of diabetes are induced by oxidative stress and followed by elevated triglyceride and cholesterol levels. This study aimed to evaluate blood sugar levels and lipid profiles before and after consumption of fermented bitter melon juice. The study was conducted in Semarang, Indonesia. The study was induced by a sin-
 namide. Following and administered

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