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### Basic Study

Effect of berberine on hyperglycaemia and gut microbiota composition in type 2 diabetic Goto-Kakizaki rats

Zhao JD *et al.* Effect of berberine on hyperglycaemia and gut microbiota

### Abstract

#### BACKGROUND

A recent investigation showed that the prevalence of type 2 diabetes mellitus (T2DM) is 12.8% among individuals of Han ethnicity. Gut microbiota has been reported to play a central role in T2DM. Goto-Kakizaki (GK) rats show differences in gut microbiota compared to non-diabetic rats. Previous studies have indicated that berberine could be successfully used to manage T2DM; however, we sought to understand its

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**Author:** Ye Yao, Han Chen, Lijing Yan, Wenbo W... **Publish Year:** 2020

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