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### **Gut microbiota mediated molecular events and therapy in liver diseases**

Xiaoqiang Qi, Ming Yang, Joseph Stenberg, Rahul Dey, Leslie Fogwe, Muhammad Shawkat Alam, Eric T Kimchi, Kevin F Staveley-O'Carroll, Guangfu Li

#### **Abstract**

Gut microbiota is a community of microorganisms that reside in the gastrointestinal tract. An increasing number of studies has demonstrated that the gut-liver axis plays a critical role in liver homeostasis. Dysbiosis of gut microbiota can cause liver diseases, including nonalcoholic fatty liver disease and alcoholic liver disease. Preclinical and clinical investigations have substantiated that the metabolites and other molecules

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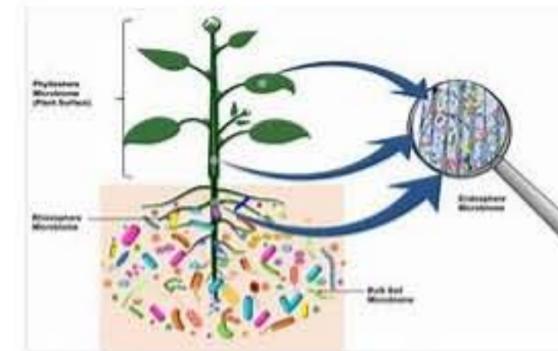
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Wikipedia

Scientific name: Microbiota decussata

Family: Taxodiaceae

Kingdom: Embryophyte

Order: Pinales

Biological rank: Genus · Species

Lower classification: Microbiota Decussata

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