The *Candida albicans* exotoxin Candidalysin promotes alcohol-associated liver disease.

Chu H, Duan Y, Lang S, Jiang L, Wang Y, Llorente C, Liu J, Mogavero S, Bosques-Padilla F, Abraldes JG, Vargas V, Tu XM, Yang L, Hou X, Hube B, Stärkel P, Schnabl B (2019) The *Candida albicans* exotoxin Candidalysin promotes alcohol-associated liver disease. *J Hepatol* 72(3), 391-400.

Details

PubMed

Abstract

Alcohol-associated liver disease is a leading indication for liver transplantation and leading cause of mortality. Alterations of the gut microbiota contribute to pathogenesis of alcohol-associated liver disease. Patients with alcohol-associated liver disease have increased proportions of Candida spp. in the fecal mycobiome. However, little is known about the effect of intestinal Candida on alcohol-associated liver disease. Here we evaluated the contributions of Candida albicans and its exotoxin Candidalysin on alcoholic liver disease.

Involved units

Microbial Pathogenicity Mechanisms Bernhard Hube Read more

Leibniz-HKI-Authors



Bernhard Hube

Details



Selene Mogavero

Details

Topics

Damage to the host

Evolution & adaptation in pathogenicity

Nutrient acquisition in infections

Identifier

doi: 10.1016/j.jhep.2019.09.029

PMID: 31606552