Role of the gut microbiota in the development of alcohol use disorder

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The gut microbiota is composed of a very large number of bacteria, viruses, fungi and yeasts that play an important role in the body, through the production of a series of metabolites (including neurotransmitters), and through an essential role in the barrier function of the gut and the regulation of immunity and stress response. In this lecture I will present, based mainly on human studies but also on preclinical studies, the evidence for a role of the gut microbiota in the development of alcohol use disorder. I will show the first results of trials to test the effects of nutritional approaches to address these deficits.

Invited by Chin.Eap@chuv.ch

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