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Focus on the gut-brain axis: Multiple sclerosis, the intestinal barrier and the microbiome

Camara-Lemarroy CR *et al.* Gut-brain axis in multiple sclerosis

Carlos R Camara-Lemarroy, Luanne M Metz, V Wee Yong

Abstract

The brain-gut axis serves as the bidirectional connection between the gut microbiome, the intestinal barrier and the immune system that might be relevant for the pathophysiology of inflammatory demyelinating diseases. People with multiple sclerosis have been shown to have an altered microbiome, increased intestinal permeability and changes in bile acid metabolism. Experimental evidence suggests that

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