

Animal Models in the Microbiota vs. Irritable Bowel Syndrome Manifestations - Preliminary Aspects on the Probiotic Therapy in Irritable Bowel Syndrome

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Abstract

Irritable bowel syndrome (IBS) is a common functional disorder that affects the digestive system and especially the large intestine, expressed mainly through symptoms including diarrhea, constipation, abdominal pain, bloating and cramping. It could be associated with mood disorders including depression and anxiety. Additionally one of the causes of IBS could be a change in gut microflora. Also, could exert a significant role in this context and their potential benefits in maintaining a healthy gut. Here we discussed the possible role of therapy with probiotics in IBS, as well as some important animal models regarding this topic.

Keywords: Irritable bowel syndrome (IBS), Microbiome, Gut-brain axis, Probiotics

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