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Case Control Study

Altered profiles of fecal metabolites correlate with visceral hypersensitivity and may contribute to symptom severity of diarrhea-predominant irritable bowel syndrome

Zhang WX *et al.* Fecal metabolites in functional gastrointestinal disorders

Abstract

BACKGROUND

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Feb 11, 2016 - Some patients with IBS have reduced thresholds for the sensation of bloating throughout the GI system compared with unaffected individuals; however, **visceral** perception is not **altered** in all patients and does not necessarily **correlate** with a particular **symptom profile**.²² Sensitization of neurons involved in the perception or transmission of sensory information from the ENS to the central nervous system (CNS) is likely involved in IBS-related **visceral hypersensitivity**.¹⁵ **Alterations** ...

Published in: [International Journal of General Medicine](#) - 2016

Authors: [Brian E Lacy](#)

About: [Text mining](#) [Bioinformatics](#)

Irritable Bowel Syndrome, Gut Microbiota and Probiotics

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3155061>

Jul 13, 2011 - Irritable bowel syndrome (IBS) is a complex disorder characterized by **abdominal symptoms** including chronic abdominal pain or discomfort and **altered bowel** habits. The etiology of IBS is multifactorial, as **abnormal gut motility**, visceral hypersensitivity, disturbed neural function of the brain-gut axis and an abnormal autonomic nervous system are all implicated in disease progression.

Cited by: [145](#) Author: [Beom Jae Lee](#), [Young-Tae Bak](#)

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The gut microbiome and irritable bowel syndrome: State of ...

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Among all, dysmotility, dysregulation of the **brain-gut axis**, **altered intestinal microbiota** and **visceral hypersensitivity** play a major role. Over the last years, research has shown that the type of **gut microbiome** present in an individual plays a significant role in the pathophysiology of IBS.

Cited by: [3](#) Author: [Ahmed E. Salem](#), [Rajdeep Singh](#), [Youna...](#)

Publish Year: 2018

Altered Intestinal Microbiota with Increased Abundance of ...

https://www.researchgate.net/publication/325601514_Altered_Intestinal_Microbiota_with...

In conclusion, the **altered intestinal microbiota** is associated with **increased visceral hypersensitivity** and enterotype enriched with *Prevotella* may be positively associated with **high risk** of IBS-D ...



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Feb 11, 2016 · **Irritable bowel syndrome** (IBS) is one of the most common gastrointestinal disorders worldwide. The economic impact of IBS on the health care system is substantial, as is the personal impact on patients. Patients with **diarrhea-predominant** IBS (IBS-D) comprise a ...

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Irritable Bowel Syndrome, Gut Microbiota and Probiotics

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Dec 09, 2016 · Efficacy and safety of repeat treatment with rifaximin for **diarrhea-predominant irritable bowel syndrome** (IBS-D): results of the TARGET 3 study. Paper presented at the 2014 Annual Scientific Meeting of the American College of Gastroenterology; 17–22 October 2014; Philadelphia, PA.

Cited by: 11 Author: [O. F. Ahmad](#), [A. Akbar](#)

Publish Year: 2016 Author: [Ahmad, O. F.](#), [Akbar, A.](#)

The gut microbiome and irritable bowel syndrome: State of ...

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Over the years, **altered** motility, **visceral hypersensitivity**, ... It has been reported that increased levels of organic acids lead to increased **symptom severity** in individuals diagnosed with IBS ... et al.Characterization of the **fecal** microbiota in patients with **diarrhea predominant irritable bowel syndrome**. *Gastroenterology*, 134 (2008) A-681 ...

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Publish Year: 2018

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