

国内版国际版

Microsoft Bing

Microbiota shaping: the effects of probiotics, prebiotics and fecal

Sign in

ALLIMAGESVIDEOS

57,700 ResultsAny time

Prebiotics, probiotics and fecal microbiota ...

<https://pubmed.ncbi.nlm.nih.gov/32684346>

This systematic review article analyzes the results of the intervention using prebiotics (carrot powder, vitamin A, partially hydrolyzed guar gum, galactooligosaccharides, etc.), probiotics (mainly: Lactobacillus, Bifidobacterium, etc.) and transplantation of fecal microbiota in ASD children.

Author: Agustín Ernesto Martínez-González, ... Publish Year: 2020

Probiotics, prebiotics, antibiotic, Chinese herbal ...

<https://pubmed.ncbi.nlm.nih.gov/32769986>

The novel treatment strategy targeting the gut microbiota is being actively implemented. Probiotics, antibiotics, prebiotics, fecal microbiota transplantation, and Chinese Herbal Medicine have been proven to be effective in the treatment of IBS, and all have an impact on the intestinal flora of patients.

Author: Ying He, Rui Xu, Wei Wang, Jie Zhan... Publish Year: 2020

PEOPLE ALSO ASK

What is gut microbiota diet and probiotics?

How does the microbiota adapt to new foods?

Search Tools

Turn off Hover Translation (关闭浮词)

### Effects of probiotics on gut microbiota: mechanisms of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3539293>

Gut **microbiota** and their **effects** on the human health. The concept of the human microbiome was first introduced to the scientific community by Joshua Lederberg, who defined it as 'the ecological community of commensal, symbiotic, and pathogenic microorganisms that literally share our body space and have been all but ignored as determinants of health and disease' [Lederberg and McCray, 2001].

Cited by: **600**

Author: Peera Hemarajata, James Versalovic

Publish Year: 2013

### Frontiers | How Probiotics Affect the Microbiota ...

<https://www.frontiersin.org/articles/10.3389/fcimb.2019.00454> ▾

Jan 15, 2020 · **Probiotics** have been used to treat a variety of diseases for decades; however, what is the rationale for their application? Such a treatment was first proposed in the early nineteenth century based on observations of decreased bifidobacterial populations in children suffering from diarrhea, suggesting that oral intake of bifidobacteria could replete this subpopulation of the **microbiota** and ...

Cited by: **61**

Author: Grégoire Wieërs, Leila Belkhir, Raphaël Ena...

Publish Year: 2020

### People also ask

What are the effects of probiotics on the gut microbiota?



How does the gut microbiota affect autism spectrum?



Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 64869

Manuscript Type: SYSTEMATIC REVIEWS

**Microbiota shaping: the effects of probiotics, prebiotics and fecal microbiota transplant on cognitive functions: A systematic review**

Microbiota shaping and cognitive functions

#### Abstract

##### BACKGROUND

Dementia is a chronic progressive neurological disease affecting millions of people worldwide and representing a relevant economic burden for healthcare systems.

Although its pathogenesis is still unknown, recent findings reported that a dysregulated gut-brain axis communication, a fundamental relationship mediated by several host and microbial molecules, is associated with cognitive disorders. In addition, gut

microbiota manipulation and dysregulation determine cognitive functions. In

#### Match Overview

1	Internet 25 words crawled on 14-Oct-2019 <a href="https://res.mdpi.com">res.mdpi.com</a>	1%
2	Internet 17 words crawled on 08-Mar-2020 <a href="https://www.mdpi.com">www.mdpi.com</a>	<1%
3	Internet 12 words crawled on 15-Jan-2021 <a href="https://bmcmicrobiome.biomedcentral.com">bmcmicrobiome.biomedcentral.com</a>	<1%
4	Internet 12 words crawled on 10-May-2021 <a href="https://www.frontiersin.org">www.frontiersin.org</a>	<1%

国内版

国际版

Microbiota shaping — the effects of probiotics, prebiotics and fecal



ALL

IMAGES

VIDEOS

11,100 Results

Any time ▾

## Effects of probiotics on gut microbiota: mechanisms of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3539293>

Gut **microbiota** and their **effects** on the human health. The concept of the human microbiome was first introduced to the scientific community by Joshua Lederberg, who defined it as 'the ecological community of commensal, symbiotic, and pathogenic microorganisms that literally share our body space and have been all but ignored as determinants of health and disease' [Lederberg and McCray, 2001].

Cited by: 600

Author: Peera Hemarajata, James Versalovic

Publish Year: 2013

## Schizophrenia, the gut microbiota, and new opportunities ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8218443>

Jun 22, 2021 · Probiotic dietary intake (psychobiotics) and **fecal transplant** Recently, investigations of potential therapies have aimed at normalizing altered **microbiota** signaling to the ENS and the CNS. One of these takes advantage of probiotic diets acting on mood disorders (depression, anxiety; [ 25 ]) and **cognitive functions** (learning and memory; [ 117 ]).

Author: Enrico Patrono, Jan Svoboda, Aleš St... Publish Year: 2021

## People also ask

What are the effects of probiotics on the gut microbiota?



What are the effects of diet on the microbiome?



Are there studies on the composition of the microbiota?



Are there any studies on the gastrointestinal microbiome?



Feedback

## Frontiers | How Probiotics Affect the Microbiota ...

<https://www.frontiersin.org/articles/10.3389/fcimb.2019.00454> ▾

Jan 15, 2020 · All three definitions provide insight into how probiotics can impact health: by impacting the resident **microbiota**, intestinal epithelium cells and, globally, the immune system. The first available