

30

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 65865

Manuscript Type: MINIREVIEWS

Can control of gut microbiota be a future therapeutic option for inflammatory bowel disease?

Atsushi Nishida, Kyohei Nishino, Keitaro Sakai, Yuji Owaki, Yoshika Noda, Hirotsugu Imaeda

Match Overview

1	Internet 208 words crawled on 26-Dec-2019 www.mdpi.com	5%
2	Internet 178 words crawled on 14-Feb-2021 www.karger.com	4%
3	Internet 145 words crawled on 14-Dec-2020 microbiomejournal.biomedcentral.com	3%
4	Internet 61 words crawled on 08-Aug-2017 journal.frontiersin.org	1%
5	Internet 57 words crawled on 28-Oct-2018 www.researchgate.net	1%
6	Internet 42 words crawled on 03-Jan-2021 www.frontiersin.org	1%
7	Internet 37 words crawled on 25-Feb-2020 new.esp.org	1%
8	Internet 36 words crawled on 05-Mar-2021	1%

1.1K/s
0.3K/s
55%



ALL

IMAGES

VIDEOS

TOOLS ▾

[The Intestinal Microbiota in Inflammatory Bowel Disease](#)

<https://pubmed.ncbi.nlm.nih.gov/26323629>

DOI: 10.1093/ilar/ilv030. Abstract. The **intestinal microbiota** has important metabolic and host-protective functions. Conversely to these beneficial functions, the **intestinal microbiota** is thought to play a central role in the etiopathogenesis of **inflammatory bowel disease** (IBD; Crohn's disease and ulcerative colitis), a chronic inflammation of the gut mucosa.

Cited by: 132

Author: Christoph Becker, Markus F. Neurath, Stefa...

Publish Year: 2015

[Gut microbiota: mining for therapeutic potential.](#)

<https://www.ncbi.nlm.nih.gov/pubmed/17368226>

Manipulation of the **microbiota** to enhance its beneficial components thus represents a potential **therapeutic strategy for inflammatory bowel disease**. Moreover, the **microbiota** might be a rich repository of metabolites that **can** be exploited for **therapeutic** benefit. Modern molecular techniques are facilitating improved understanding of host-microbe ...

Cited by: 165

Author: Ann M. O'Hara, Fergus Shanahan

Publish Year: 2007

PEOPLE ALSO ASK

What is the role of the gut microbiome in IBD? ▾

Inflammatory Bowel Disease

Medical Condition

A group of intestinal disorders that cause inflammation of the digestive tract.

Common (More than 200,000 cases per year in US)

Often requires lab test or imaging

Treatments can help manage condition, no known cure

Can be lifelong

IBD is said to be the result of autoimmune reactions. Inflammatory bowel disease (IBD) presents as Crohn's disease or ulcerative colitis. It may be characterized by diarrhea, abdominal pain and cramping, tiredness, and weight loss. Anti-inflammatory drugs play an important role in the treatment. Surgery is sometimes performed.

Symptoms

Symptoms may vary from mild to severe and include:

- Diarrhea
- Fever
- Fatigue

Can control of gut microbiota be a future therapeutic option for infl



ALL

IMAGES

VIDEOS

319,000 Results

Any time ▾

[The Intestinal Microbiota in Inflammatory Bowel Disease](https://pubmed.ncbi.nlm.nih.gov/26323629)

<https://pubmed.ncbi.nlm.nih.gov/26323629>

DOI: 10.1093/ilar/ilv030. Abstract. The **intestinal microbiota** has important metabolic and host-protective functions. Conversely to these beneficial functions, the **intestinal microbiota** is thought to play a central role in the etiopathogenesis of **inflammatory bowel disease** (IBD; Crohn's disease and ulcerative colitis), a chronic inflammation of the gut mucosa.

Cited by: 132

Author: Christoph Becker, Markus F. Neurath, Ste...

Publish Year: 2015

[Gut microbiota: mining for therapeutic potential.](https://www.ncbi.nlm.nih.gov/pubmed/17368226)

<https://www.ncbi.nlm.nih.gov/pubmed/17368226>

Manipulation of the **microbiota** to enhance its beneficial components thus represents a potential **therapeutic strategy for inflammatory bowel disease**. Moreover, the **microbiota** might be a rich repository of metabolites that **can** be exploited for **therapeutic** benefit. Modern molecular techniques are facilitating improved understanding of host-microbe ...

Cited by: 165

Author: Ann M. O'Hara, Fergus Shanahan

Publish Year: 2007

304,000 Results Any time ▾

The Intestinal Microbiota in Inflammatory Bowel Disease

<https://pubmed.ncbi.nlm.nih.gov/26323629>

DOI: 10.1093/ilar/ilv030. Abstract. The **intestinal microbiota** has important metabolic and host-protective functions. Conversely to these beneficial functions, the **intestinal microbiota** is thought to play a central role in the etiopathogenesis of **inflammatory bowel disease** (IBD; Crohn's disease and ulcerative colitis), a chronic inflammation of the gut mucosa.

Cited by: 132 Author: Christoph Becker, Markus F. Neurath, Stefa...
 Publish Year: 2015

Can inflammatory bowel disease be permanently treated with ...

<https://pubmed.ncbi.nlm.nih.gov/25665875>

While the exact etiology of **inflammatory bowel disease** remains unclear, increasing evidence suggests that the human gastrointestinal microbiome plays a critical role in **disease** pathogenesis. Manipulation of the **gut** microbiome has therefore emerged as an attractive alternative for both prophylactic and **therapeutic** intervention against inflammation.

Cited by: 26 Author: Dana Berg, Jose C Clemente, Jean-Frederic...
 Publish Year: 2015

PEOPLE ALSO ASK

- Can microbiome cure IBD? ▾
- Why is VAT important for inflammatory bowel disease? ▾
- Are multiple standardized microbiome replacement therapies being studied? ▾
- How does FMT affect IBD? ▾

Feedback

Gut microbiota: mining for therapeutic potential.

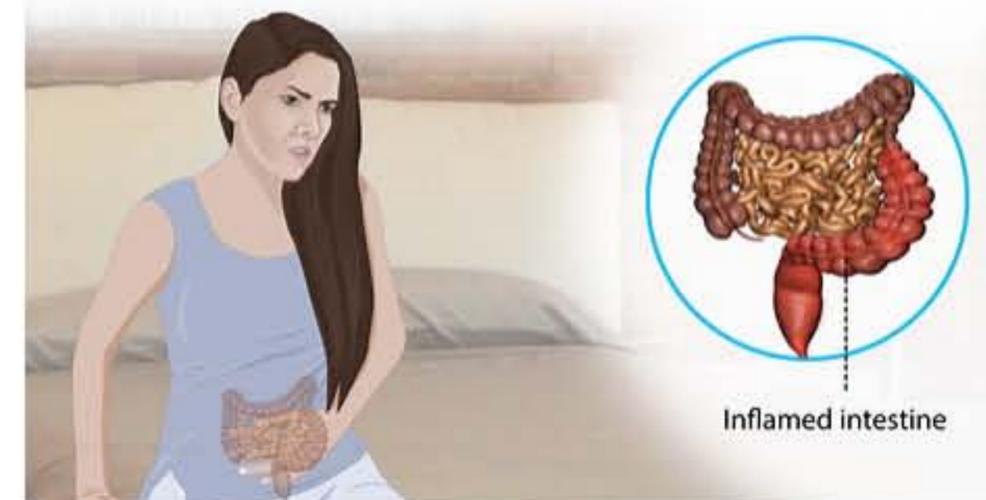
<https://www.ncbi.nlm.nih.gov/pubmed/17368226>

Manipulation of the **microbiota** to enhance its beneficial components thus represents a potential **therapeutic strategy for inflammatory bowel disease**. Moreover, the **microbiota** might be a rich repository of metabolites that can be exploited for therapeutic benefit. Modern molecular techniques are facilitating

Inflammatory Bowel Disease

Medical Condition

A group of inflammatory conditions of the colon and small intestine



A group of intestinal disorders that cause inflammation of the digestive tract. This causes abdominal pain, cramping and unexplained weight loss.

- 📊 Common (More than 200,000 cases per year in US)
- 🏥 Often requires lab test or imaging
- 🔧 Treatments can help manage condition, no known cure
- 🕒 Can be lifelong

IBD is said to be the result of autoimmune reactions. Inflammatory bowel disease (IBD) presents as crohn's disease or ulcerative colitis. It may be characterized by diarrhea, abdominal pain and cramping, tiredness, and weight loss. Treatment of inflammatory bowel disease focuses on reducing inflammation that causes the symptoms which can eventually lead to complications. The treatment involves administering medication or performing surgery.

Symptoms

Symptoms may vary from mild to severe and include: