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*Basic Study*

**Characteristics of mucosa-associated gut microbiota during treatment in Crohn's disease**

He C *et al.* Crohn's disease and gut microbiota

Cong He, Huan Wang, Wang-Di Liao, Chao Peng, Xu Shu, Xuan Zhu, Zhen-Hua Zhu

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## Google 学术 : Characteristics of mucosa-associated gut microbiota during treatment in Crohn's disease

... identified by gut microbiota analysis of Crohn disease ... - Sokol - 被引用次数 : 2348

The treatment-naive microbiome in new-onset Crohn's ... - Gevers - 被引用次数 : 1098

... microbiota shapes intestinal immune responses during ... - Round - 被引用次数 : 2787

## Characteristics of Fecal and Mucosa-Associated Microbiota in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4602441/> - 翻译此页

作者 : L Chen - 2014 - 被引用次数 : 42 - 相关文章

Characteristics of Fecal and Mucosa-Associated Microbiota in Chinese ... The intestinal microbiota plays an important role in the pathogenesis of ... Inflammatory bowel disease (IBD), which consists of Crohn's disease (CD) and ... and its incidence has been increasing in many developing countries over the last decades.

## A microbial signature for Crohn's disease | Gut

<https://gut.bmj.com/content/early/2017/01/31/gutjnl-2016-313235> - 翻译此页

作者 : V Pascal - 2017 - 被引用次数 : 96 - 相关文章

2017年2月7日 - Microbiome in Crohn's disease (CD) is associated with a reduction of faecal ... the liver, heart, lungs or kidneys, and treatment with antibiotics during the previous 4 weeks. ... Baseline clinical characteristics of the patients with CD and UC ..... Reduction in diversity of the colonic mucosa associated bacterial ...

## An overview of the bacterial contribution to Crohn disease pathogenesis

[jmm.microbiologyresearch.org/content/journal/jmm/.../jmm.0.000331?](http://jmm.microbiologyresearch.org/content/journal/jmm/.../jmm.0.000331?) - 翻译此页

作者 : MH Alhagamhmad - 2016 - 被引用次数 : 15 - 相关文章

role of antibiotics in CD treatment (Greenbloom et al., 1997), with ... als, there is a significant diversity in composition within these phyla, with ... The intestinal mucosa can also influence the microbiota





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## Gut-associated bacterial microbiota in paediatric patients ...

[gut.bmj.com](#) › [Archive](#) › [Volume 55, Issue 12](#) ▾

Dec 01, 2006 · An overall decrease in some bacterial species or groups belonging to the normal anaerobic **intestinal flora** was suggested by molecular approaches; in particular, occurrence of *Bacteroides vulgatus* was low in **Crohn's disease**, ulcerative colitis and indeterminate colitis specimens.

Cited by: 399

Author: Maria Pia Conte, Serena Schippa, Ileana ...

Publish Year: 2006

## The Microbiome in Inflammatory Bowel Diseases: Current ...

[www.ncbi.nlm.nih.gov](#) › [Journal List](#) › [HHS Author Manuscripts](#)

Over the past decade, inflammatory bowel **diseases** (IBD) have emerged as one of the most studied human conditions linked to the **gut microbiota**. 1, 2 IBD comprises both **Crohn's disease** (CD) and ulcerative colitis (UC), which together affect over 3.6 million persons. 3 Large scale studies of human genetics across a total of 75,000 cases and ...

Cited by: 605

Author: Aleksandar D. Kostic, Ramnik J. Xavier, ...

Publish Year: 2014

## Characteristics of Faecal Microbiota in Paediatric Crohn's ...

<https://academic.oup.com/ecco-jcc/article/12/3/337/4675235> ▾

Nov 29, 2017 · **Crohn's disease** [CD] is known to be associated with **gut** microbial dysbiosis. Infliximab [IFX] is increasingly used to treat paediatric CD; however, it is not clear how the **gut microbiota** is modified **during IFX treatment**.

Cited by: 7

Author: Yizhong Wang, Xuefeng Gao, Amine Gho...

Publish Year: 2018

Author: Wang, Yizhong

## Will Fecal Microbiota Transplantation Work for Crohn's ...

[digestivehealthinstitute.org](#) › [Crohns Disease](#) ▾

An imbalance in **intestinal** bacterial developing in response to the genetic abnormalities present in **Crohn's**, may be the trigger for damaging inflammation **characteristic** of **Crohn's disease**. One thing is clear – People with Crohn's have an altered **microbiome** suffering a 50% decrease in the diversity of gut microbes including the loss of bacterial species *Bacteriodes*, *Eubacterium* and *Lactobacillus*.

## Manipulating the gut microbiota to maintain health and ...

[www.ncbi.nlm.nih.gov](#) › ... › [Microb Ecol Health Dis](#) › v.26; 2015

Feb 02, 2015 · Manipulating the gut microbiota by probiotics. The concept that some bacteria can provide a health benefit and cure disease, led the way to the development of probiotics. Probiotics are defined as 'live microorganisms that, when administered in adequate amounts, confer a health benefits on the host' (



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## Google 学术: Characteristics of mucosa-associated gut microbiota during treatment in Crohn's disease

Characteristics of fecal and mucosa-associated ... - Chen - 被引用次数: 50

The treatment-naive microbiome in new-onset Crohn's ... - Gevers - 被引用次数: 1180

... identified by gut microbiota analysis of Crohn disease ... - Sokol - 被引用次数: 2417

### Characteristics of Fecal and Mucosa-Associated Microbiota in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4602441/> - 翻译此页

作者: L Chen - 2014 - 被引用次数: 50 - 相关文章

Ecological studies have indicated that patients with IBD have decreased mucosa-associated and fecal microbial diversity, reduced Firmicutes, Clostridium coccoides, Bacteroides ovatus, B. vulgatus, and Faecalibacterium prausnitzii with increased Proteobacteria as well as a higher number of mucosa-associated aerobic and ...

### The microbiome of Crohn's disease aphthous ulcers - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6178265/> - 翻译此页

作者: CL O'Brien - 2018 - 相关文章

2018年10月10日 - Background. Reduced intestinal microbial diversity and bacterial imbalance (dysbiosis) are seen in studies of Crohn's disease. ... The aim of our study was to compare the microbial communities of aphthous ulcers and adjacent normal mucosa from patients with Crohn's disease with normal mucosa from controls.

### A microbial signature for Crohn's disease | Gut

<https://gut.bmj.com/content/66/5/813> - 翻译此页

作者: V Pascal - 2017 - 被引用次数: 119 - 相关文章

Microbiome in Crohn's disease (CD) is associated with a reduction of faecal microbial ... liver, heart, lungs or kidneys, and treatment with antibiotics during the previous 4 weeks. ... Baseline clinical characteristics of the patients with CD and UC ..... Reduction in diversity of the colonic mucosa associated bacterial microflora in