

ALL IMAGES VIDEOS

9,510 Results Any time

**Characterization of gut microbiome and metabolome in ...**  
<https://www.biorxiv.org/content/10.1101/2021.05.23.445270v1>  
May 25, 2021 Aim To characterize the gut microbiome and metabolome in H. pylori patients in a socioeconomically challenged and underprivileged inner-city community. Methods Stool samples from 19 H. pylori patients and 16 control subjects were analyzed. 16S rRNA gene sequencing was performed on normalized pooled amplicons using the Illumina MiSeq System using a MiSeq reagent kit v2.  
Author: White B, Sterrett J, Grigoryan Z, Lally ... Publish Year: 2021

**[PDF] Characterization of gut microbiome and metabolome in ...**  
<https://www.biorxiv.org/content/biorxiv/early/2021/05/25/2021.05.23.445270.full.pdf>  
May 25, 2021 the phylum Verrucomicrobia was decreased in H. pylori patients compared to control subjects, suggesting disruption of the gut mucosal environment by H. pylori. Procrustes analysis showed a significant relationship between the microbiome and metabolome datasets. Stool samples from H. pylori patients showed increases in several fatty acids  
Author: White B, Sterrett J, Grigoryan Z, Lally ... Publish Year: 2021

**GitHub - sterrettJD/H-pylori-microbiome-analysis ...**  
<https://github.com/sterrettJD/H-pylori-microbiome-analysis>  
Microbiome Analysis and Figure Creation for: Characterization of gut microbiome and metabolome in Helicobacter pylori patients in an underprivileged community in the United States. Brian White, John Sterrett, Zoya Grigoryan, Lauren T. Lally, Jared D. Heinze, Hyder Alikhan, Christopher A. Lowry, Lark Perez, Joshua DeSipio, Sangita Phadtare

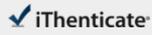


### Helicobacter pylori

Symptoms Diagnosis Causes Treatments >

Helicobacter pylori, previously known as Campylobacter pylori, is a gram-negative, microaerophilic, spiral bacterium usually found in the stomach. Its helical shape is thought to have evolved in order to penetrate the mucoid lining of the stomach and thereby establish infection. The bacterium was first identified in 1982 by Australian doctors Barry Marshall and Robin Warren. H. pylori has been associated with lymphomas of the mucosa-associated lymphoid tissue in the stomach, esophagus, colon, rectum, or tissues around the eye, and of lymphoid tissue in the stomach.

Wikipedia



Name of Journal: *World Journal of Gastroenterology*  
Manuscript NO: 66632  
Manuscript Type: ORIGINAL ARTICLE

**Basic Study**

**Characterization of gut microbiome and metabolome in Helicobacter pylori patients in an underprivileged community in the United States**

Microbiome and metabolome in Helicobacter patients

Brian White, John Sterrett, Zoya Grigoryan, Lauren Lally, Jared Heinze, Hyder Alikhan, Christopher Lowry, Lark Perez, Joshua DeSipio, Sangita Phadtare

Match Overview

Match 1 of 42

- 1 **Crossref Posted Content** 4841 words  
Brian E. White, John D. Sterrett, Zoya Grigoryan, Lauren T. Lally et al. "Characterization of gut microbiome and metabolo..." 64%
- 2 **Internet** 12 words  
crawled on 25-May-2021  
github.com <1%

国内版

国际版

Characterization of gut microbiome and metabolome in Helicobac



ALL

IMAGES

VIDEOS

9,250 Results

Any time ▾

### [Characterization of gut microbiome and metabolome in ...](#)

<https://www.biorxiv.org/content/10.1101/2021.05.23.445270v1> ▾

May 25, 2021 · Aim To characterize the gut microbiome and metabolome in *H. pylori* patients in a socioeconomically challenged and underprivileged inner-city community. Methods Stool samples from 19 *H. pylori* patients and 16 control subjects were analyzed. 16S rRNA gene sequencing was performed on normalized pooled amplicons using the Illumina MiSeq System using a MiSeq reagent kit v2.

Author: White B, Sterrett J, Grigoryan Z, Lally... Publish Year: 2021

### [\[PDF\] Characterization of gut microbiome and metabolome in ...](#)

<https://www.biorxiv.org/content/10.1101/2021.05.23.445270v1.full.pdf>

May 23, 2021 · the phylum Verrucomicrobia was decreased in *H. pylori* patients compared to control subjects, suggesting disruption of the gut mucosal environment by *H. pylori*. Procrustes analysis showed a significant relationship between the microbiome and metabolome datasets. Stool samples from *H. pylori* patients showed increases in several fatty acids

Author: White B, Sterrett J, Grigoryan Z, Lally... Publish Year: 2021

### [GitHub - sterrettJD/H-pylori-microbiome-analysis ...](#)

<https://github.com/sterrettJD/H-pylori-microbiome-analysis> ▾

Microbiome Analysis and Figure Creation for: Characterization of gut microbiome and metabolome in *Helicobacter pylori* patients in an underprivileged community in the United States. Brian White, John Sterrett, Zoya Grigoryan, Lauren T. Lally, Jared D. Heinze, Hyder Alikhan, Christopher A. Lowry, Lark Perez, Joshua DeSipio, Sangita Phadtare

### [PDF.MPro - Full Text Journal Articles by Author Brian ...](#)

<https://pdf.manuscriptpro.com/search/Author-Brian-White/1/f3a29c20> ▾

Characterization of gut microbiome and metabolome in *Helicobacter pylori* patients in an underprivileged community in the United States. Brian White, John Sterrett, Zoya Grigoryan, Lauren Lally, Jared Heinze, Hyder Alikhan, Christopher Lowry, Lark Perez, Joshua DeSipio, Sangita Phadtare,

### [The role of the gastrointestinal microbiome in ...](#)

<https://www.researchgate.net/publication/256074156...>

Conclusion: An individualized understanding of gut microbiome features among *H. pylori* patients will