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Helicobacter pylori in ancient human remains

Abstract

The bacterium *Helicobacter pylori* (*H. pylori*) infects the stomachs of approximately 50% of all humans. With its universal occurrence, high infectivity and virulence properties it is considered as one of the most severe global burdens of modern humankind. It has accompanied humans for many thousands of years, and due to its high genetic variability and vertical transmission, its population genetics reflects the history of human migrations. However, especially complex demographic events such as the colonisation of Europe cannot be resolved with population genetic analysis of modern *H. pylori* strains

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T Swanston 저술 - 2011 - 8회 인용 - 관련 학술자료

This **ancient** individual was recovered from the Samuel Glacier in Also, because of the link between different **H. pylori** strains and past **human** migration, the ... from stomach epithelial tissues collected from the Kwäday Dän Ts'ınchi **remains**.

Coadaptation of Helicobacter pylori and humans: ancient history ...

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JC Atherton 저술 - 2009 - 498회 인용 - 관련 학술자료

Humans have been colonized by **Helicobacter pylori** for at least 50,000 years and probably throughout their evolution. **H. pylori** has adapted to **humans**, colonizing children and persisting throughout life. The human immune ... · pylori-human ... · Absence of H. pylori as a ... · Conclusions

The history of Helicobacter pylori: from phylogeography to ...

<https://www.sciencedirect.com/science/.../S1198743X16302373> - 이 페이지 번역하기

F Mégraud 저술 - 2016 - 10회 인용 - 관련 학술자료

H. pylori is a strictly **human** pathogen, currently colonizing the stomachs of ... strong evidence of **ancient** ancestry in Africa and subsequent **human** migrations. for example, to bacteria protected from the environment in teeth or **bones**.

(PDF) The Characterization of Helicobacter pylori DNA Associated ...

https://www.researchgate.net/.../50228277_The_Characterization_... - 이 페이지 번역하기

2014. 11. 19. - Genotypic characterization of **H. pylori** strains involves the analysis of ... of **Helicobacter pylori** DNA Associated with **Ancient Human Remains** ...

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Helicobacter pylori is a helical, gram-negative, microaerophilic bacterium that inhabits the stomach of more than 50% of the world's population [1] and is one of several bacterial microbiota that are capable of colonizing the human stomach [2].

Cited by: 7 Author: Treena Swanston, Monique Haakensen, ...
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The characterization of Helicobacter pylori DNA associated ...
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The characterization of Helicobacter pylori DNA associated with ancient human remains recovered from a Canadian glacier. PLoS One. 2011; 6(2):e16864 (ISSN: 1932-6203) Swanston T; Haakensen M; Deneer H; Walker EG. Helicobacter pylori is a gram-negative bacterium that colonizes the stomach of

Helicobacter pylori

Gram-Negative Microaerophilic Bacterium

Helicobacter pylori, previously known as Campylobacter pylori, is a Gram-negative, microaerophilic bacterium usually found in the stomach. It was identified in 1982 by Australian doctors Barry Marshall and Robin Warren, who found that it was present in a person with chronic gastritis and gastric ulcers, conditions not previously believed to have a microbial cause. It is also linked to the development of duodenal ulcers and stomach cancer. However, over 80% of individuals infected with the bacterium are asymptomatic, and it may play an important role in the natural stomach ecology.

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Jan 08, 2016 · The stomach bacterium **Helicobacter pylori** is one of the most prevalent human pathogens. It has dispersed globally with its human host, resulting in a distinct phylogeographic ...

Cited by: 114 Author: Frank Maixner, Ben Krause-Kvora, Dmitrii T

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Gram-Negative Microaerophilic Bacterium

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