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### [Full text] Autoimmune atrophic gastritis: current ...

<https://www.dovepress.com/autoimmune-atrophic-gastritis-current-perspectives-peer...> ▾

Oct 14, 2016 · Serological tests. One **method** to identify the **cause** of hypergastrinemia is to measure the level of **gastric acid output**. With **atrophic gastritis**, the level of **gastric acid output** is low (<5 mEq/h), whereas with the hypergastrinemia associated with Zollinger-Ellison syndrome, the **gastric acid output** ...

Cited by: 18

Author: Artem Minalyan, Jihane N Benhammou, ...

Publish Year: 2017

### Diet with atrophic gastritis: menus and recipes ...

[https://iliveok.com/food/diet-atrophic-gastritis\\_111917i15882.html](https://iliveok.com/food/diet-atrophic-gastritis_111917i15882.html)

Diet in **chronic atrophic gastritis**. **Chronic** form of the disease is a long-term disease that requires long and patient treatment. The provoking factor in the development of the disease is an improper diet, the use of alcoholic beverages, frequent and illiterate medication.

### Diagnosis of chronic atrophic gastritis by morphometric ...

[https://www.researchgate.net/publication/11179073\\_Diagnosis\\_of\\_chronic\\_atrophic...](https://www.researchgate.net/publication/11179073_Diagnosis_of_chronic_atrophic...)

Diagnosis of **chronic atrophic gastritis** by morphometric image analysis. **A new method** to overcome the confounding effect of the inflammatory infiltrate Article in The Journal of Pathology 198(1):47 ...

### [PDF] IL-11 is a parietal cell cytokine that induces atrophic ...

<https://dspace.mit.edu/openaccess-disseminate/1721.1/71239>

IL-11 is a parietal cell cytokine that induces **atrophic gastritis** Meegan Howlett,1 Heather V Chalinor,1 Jon N Buzzelli,1 Nhung Nguyen,2 Ian R van Driel,2 Katrina M Bell,1 James G Fox,3 Eva Dimitriadis,4 Trevelyan R Menheniott,1 Andrew S Giraud,1,5 Louise M Judd1,5 ABSTRACT Background and Aims IL-11 is important in gastric

### Enhanced M1 Macrophage Polarization in Human ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2990716>

A similar phenomenon is seen in human **atrophic gastritis** where the mixed M1/M2 polarization present in uncomplicated **gastritis** is replaced by an M1-dominated polarization. This may induce a tumor-promoting inflammation, and shifting macrophage polarization from M1 to M2 could therefore represent a therapeutic target in **chronic H. pylori** infection.

Published in: PLOS ONE · 2010

Authors: Marianne Quidingjarbrink · Sukanya Raghavan · Malin Sundquist

Affiliation: University of Gothenburg

About: Helicobacter pylori · Biology · Chemistry · Flow cytometry · Gastric mucosa · **Gastritis**

### Method for constructing chronic atrophic gastritis in mice

Xian Wei, Xue-Ping Feng, Lu-Yao Wang, Yan-Qiang Huang, Ling-Ling Liang, Xiao-Qiang Mo, Hong-Yu Wei

#### Abstract

##### BACKGROUND

Chronic atrophic gastritis (CAG) is a common disease of the digestive system with pathological characteristics of a decreasing number, or disappearance, of inherent glands of gastric mucosa. CAG has been defined as a precancerous condition of gastric cancer. The intestinal metaplasia or intraepithelial neoplasia accompanying atrophied glands of the stomach is regarded as one of the most important precancerous lesions of gastric cancer. As a common malignant tumour, gastric cancer remains without a satisfactory therapy and its pathogenesis remains unclear, seriously threatening human life. Therefore, some scholars have proposed to prevent the incidence of gastric cancer by avoiding precancerous lesions. If CAG can be reversed, the incidence of gastric cancer can be substantially reduced. To reverse and prevent CAG and study its pathogenesis and therapy, it is necessary to develop an ideal, safe, stable, animal model.

#### AIM

To study a rapid, stable, and safe method of establishing a mice model for human CAG.

#### METHODS

Six-week-old Kunming mice were divided into a phosphate buffered solution control group, a *Helicobacter pylori* (Hp) group, a N-methyl-N'-nitroguanidine (MNNG) group, an ammonia water group, and a group combining Hp, MNNG, and ammonia water (hereinafter referred to as the combined group). The mice were administrated with drinking water containing ammonia or infected with

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## Chronic Atrophic Gastritis in SCID Mice Experimentally ...

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Campylobacter fetus is a cause of enteritis and invasive extraintestinal disease in humans. In order to develop an animal model of C. fetus infection, outbred ICR SCID mice were orally challenged with a clinical isolate of C. fetus. The stomachs of SCID mice were heavily colonized with C. fetus, and colonization was associated with the development of chronic atrophic gastritis.

Cited by: 18 Author: Vincent B. Young, Charles A. Dangler, Ja...

Publish Year: 2000

## [PDF] Chronic Atrophic Gastritis in SCID Mice Experimentally ...

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Chronic Atrophic Gastritis in SCID Mice Experimentally Infected with Campylobacter fetus VINCENT B. YOUNG,1,2 CHARLES A. DANGLER,3 JAMES G. FOX,1,3 AND DAVID B. SCHAUER1,3\* Division of Bioengineering and Environmental Health1 and Division of ...

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## [PDF] Gastritis and Hypergastrinemia Due to Acinetobacter ...

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Gastritis and Hypergastrinemia Due to Acinetobacter lwoffii in Mice Y. Zavros, 1 G. Rieder, 2 Amy Ferguson, 3 and J. L. Merchant 1,2,4 \* Howard Hughes Medical Institute 1 and the Departments of ...

## [PDF] Deficiency of Claudin-18 Causes Paracellular H<sup>+</sup> Leakage ...

[https://www.gastrojournal.org/article/S0016-5085\(11\)01517-4/pdf](https://www.gastrojournal.org/article/S0016-5085(11)01517-4/pdf)

as gastritis.8–10 Chronic gastritis is a risk factor for gastric cancer, and a major cause of gastritis is infection by Helico-bacter pylori.11–14 Specific inflammation-related interleukins (ILs), tumor necrosis factor (TNF)- , interferons, and pros-taglandins are reportedly involved in the recruitment of

## The anti-gastritis activity of an exopolysaccharide from ...

<https://www.sciencedirect.com/science/article/pii/S2212429218307405>

Cytotoxicity analysis on mice liver cells suggested that EPS1-1 could inhibit the damage of MNNG on normal liver cells and strengthen the activity of liver cells ().The gastric mucosa ulcer index could



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### Chronic Atrophic Gastritis in SCID Mice Experimentally ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC97392>

Campylobacter fetus is a cause of enteritis and invasive extraintestinal disease in humans. In order to develop an animal model of C. fetus infection, outbred ICR SCID mice were orally challenged with a clinical isolate of C. fetus. The stomachs of SCID mice were heavily colonized with C. fetus, and colonization was associated with the development of chronic atrophic gastritis.

Cited by: 18 Author: Vincent B. Young, Charles A. Dangler, Ja...

Publish Year: 2000

### Chronic gastritis in the hypochlorhydric gastrin-deficient ...

<https://www.nature.com/articles/1208407>

Feb 14, 2005 · Chronic atrophic gastritis in the 12-month hypochlorhydric G<sup>-/-</sup> mice. Since the gross morphology showed that 60% of the G<sup>-/-</sup> mice developed gastric tumors, to determine whether these mice ...

Cited by: 133 Author: Yana Zavros, Kathryn A Eaton, Weiqun K...

Publish Year: 2005 Author: Yana Zavros

### [PDF] Chronic Atrophic Gastritis in SCID Mice Experimentally ...

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Chronic Atrophic Gastritis in SCID Mice Experimentally Infected with Campylobacter fetus VINCENT B. YOUNG,1,2 CHARLES A. DANGLER,3 JAMES G. FOX,1,3 AND DAVID B. SCHAUER1,3\* Division of Bioengineering and Environmental Health1 and Division of ...

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Publish Year: 2000

### [PDF] Leptin receptor signaling is required for high-fat diet ...

<https://nutritionandmetabolism.biomedcentral.com/track/pdf/10.1186/s12986-016-0066-1?...>

RESEARCH Open Access Leptin receptor signaling is required for high-fat diet-induced atrophic gastritis in mice Kyoko Inagaki-Ohara<sup>1,2,3\*</sup>, Shiki Okamoto<sup>2</sup>, Kazuyo Takagi<sup>2</sup>, Kumiko Saito<sup>2</sup>, Seiya Arita<sup>3</sup>, Lijun Tang<sup>2</sup>, Tetsuji Hori<sup>4</sup>, Hiroaki Kataoka<sup>5</sup>, Satoshi ...

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