

Match Overview

1	Internet 110 words crawled on 22-Dec-2016 pdfs.semanticscholar.org	1%
2	Internet 40 words crawled on 25-Dec-2016 office.wjgnet.com	1%
3	Internet 36 words crawled on 13-Jun-2017 www.wjgnet.com	<1%
4	Crossref 26 words "Applications of Nanotechnology in Array-Based Carbo... drate Analysis and Profiling", Carbohydrate Nanotechnol	<1%
5	Internet 20 words crawled on 08-Apr-2012 www.biology-direct.com	<1%
6	Crossref 17 words "Helicobacter Species", Springer Nature, 2012	<1%
7	Internet 16 words crawled on 18-Oct-2015 www.astrazeneca.com	<1%
8	Internet 15 words crawled on 05-Jun-2017 biomechanical.asmedigitalcollection.asme.org	<1%

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 33590

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Glycosylation-related gene expression in HT29-MTX-E12 cells upon infection by *Helicobacter pylori*

Cairns MT *et al.* Gene expression response to *H. pylori* infection

Michael T Cairns, Ananya Gupta, Julie A Naughton, Marian Kane, Marguerite Clyne, Lokesh Joshi

Michael T Cairns, Marian Kane, Lokesh Joshi, Glycoscience Group, National Centre for Biomedical Engineering Science, National University of Ireland Galway, H91 CF50 Galway, Ireland

Glycosylation-related gene expression in HT29-MTX-E12 cells upon infection by I

全部 图片 视频 新闻 地图 图书

找到约 1,230 条结果

时间不限

过去 1 小时内

过去 24 小时内

过去 1 周内

过去 1 个月内

过去 1 年内

所有结果

精确匹配

[Divergent Mechanisms of Interaction of *Helicobacter pylori* and ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3719574/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3719574/>

Both *C. jejuni* and *H. pylori* bound to HT29-MTX-E12 mucus, and while both ... infection and emphasizes the potential for even closely related bacteria to ... Muc2 has been shown to have an effect on virulence gene expression (15). ... This study also emphasizes that glycans present on host mucins and other glycosylated ...

[FIG 4 Infection of HT29, HT29-MTX, and HT29-MTX-E12 cells by ...](https://www.researchgate.net/.../236958709_fig4)

https://www.researchgate.net/.../236958709_fig4 FIG-4-Infection-of-HT29-HT29-MTX-and-HT29-MTX-E12-cells-by-mucosal-pathogens-The

In contrast, *H. pylori* colonized HT29-MTX-E12 cells and, to a much lesser extent, They comprised mainly core 1- and core 2-related structures, with a high ... The expression and glycosylation of mucins differ depending on a number of ... now the J. Craig Venter Institute) for all three strains, the gene locations differ (11) .

[The Interaction of *Helicobacter pylori* with the Adherent Mucus Gel ...](https://journals.plos.org/plosone/article?id=10.1371/journal.pone...)

journals.plos.org/plosone/article?id=10.1371/journal.pone...

8 Oct 2012 ... Cell culture models for *H. pylori* infection do not normally possess a mucus ... The adherent mucus layer of HT29-MTX-E12 cells contained the ... Frozen sections of cells were fixed on slides with 2% formalin for 10 For detection of the interaction of TFF1 expressed in HT29-MTX-E12 cells with *H. pylori* ...

[Interaction of microbes with mucus and mucins: Recent ...](https://www.tandfonline.com/doi/full/10.4161/gmic.26680)

www.tandfonline.com/doi/full/10.4161/gmic.26680

2 Oct 2013 ... Using a combination of mucus secreting cells, and a novel mucin expression of mucin genes or to alter the glycosylation profile of the mucin. and a subclone of those cells HT29-MTX-E12 (E12) cells which form an ... Thus, either *H. pylori* increases expression of factors that mediate infection upon ...

Glycosylation-related gene expression in HT29-MTX-E12 cells upon infection by I

全部

图片

视频

新闻

地图

图书

找到约 576 条结果

时间不限

过去 1 小时内

过去 24 小时内

过去 1 周内

过去 1 个月内

过去 1 年内

所有结果

精确匹配

[Divergent Mechanisms of Interaction of Helicobacter pylori and ...](#)

[iai.asm.org/content/81/8/2838.full](#) ▼

Both *C. jejuni* and *H. pylori* bound to HT29-MTX-E12 mucus, and while both organisms ... infection and emphasizes the potential for even closely related bacteria to ... Muc2 has been shown to have an effect on virulence gene expression (15). Purified animal mucins and mucins from HT29-MTX-E12 and LS174T cells ...

[FIG 4 Infection of HT29, HT29-MTX, and HT29-MTX-E12 cells by ...](#)

https://www.researchgate.net/.../236958709_fig4_FIG-4-Infection-of-HT29-HT29-MTX-and-HT29-MTX-E12-cells-by-mucosal-pathogens-T... ▼

In contrast, *H. pylori* colonized HT29-MTX-E12 cells and, to a much lesser extent, They comprised mainly core 1- and core 2-related structures, with a high ... sialyl Lewis x revealed that both glycans were expressed on the glycolipids (Fig. ... 47) due to the presence of highly glycosylated mucin molecules in the mucus ...

[Interaction of microbes with mucus and mucins: Recent developments](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4049936/>

2 Oct 2013 ... We showed that despite being closely related, these two bacteria ... On the other hand, *H. pylori* did not interact with HT29 cells and ... Thus, either *H. pylori* increases expression of factors that mediate infection upon ... mucus layer of HT29MTXE12 cells attenuates *Campylobacter jejuni* virulence properties ...

Glycosylation-related gene expression in HT29-MTX-E12 cells upon infection by I

[全部](#) [图片](#) [视频](#) [新闻](#) [地图](#) [图书](#)

找到约 1,170 条结果

时间不限

[过去 1 小时内](#)[过去 24 小时内](#)[过去 1 周内](#)[过去 1 个月内](#)[过去 1 年内](#)

所有结果

精确匹配

[Divergent Mechanisms of Interaction of *Helicobacter pylori* and ...](#)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3719574/>

Both *C. jejuni* and *H. pylori* bound to HT29-MTX-E12 mucus, and while both ... infection and emphasizes the potential for even closely related bacteria to ... Muc2 has been shown to have an effect on virulence gene expression (15). ... This study also emphasizes that glycans present on host mucins and other glycosylated ...

[FIG 4 Infection of HT29, HT29-MTX, and HT29-MTX-E12 cells by ...](#)https://www.researchgate.net/.../236958709_fig4_FIG-4-Infection-of-HT29-HT29-MTX-and-HT29-MTX-E12-cells-by-mucosal-pathogens-The

In contrast, *H. pylori* colonized HT29-MTX-E12 cells and, to a much lesser extent, ... They comprised mainly core 1- and core 2-related structures, with a high ... The expression and glycosylation of mucins differ depending on a number of ... now the J. Craig Venter Institute) for all three strains, the gene locations differ (11) .

[Interaction of microbes with mucus and mucins: Recent ...](#)www.tandfonline.com/doi/full/10.4161/gmic.26680

2 Oct 2013 ... Using a combination of mucus secreting cells, and a novel mucin ... expression of mucin genes or to alter the glycosylation profile of the mucin ... and a subclone of those cells HT29-MTX-E12 (E12) cells which form an ... Thus, either *H. pylori* increases expression of factors that mediate infection upon ...

[The Interaction of *Helicobacter pylori* with the Adherent Mucus Gel ...](#)journals.plos.org/plosone/article?id=10.1371/journal.pone...

8 Oct 2012 ... Cell culture models for *H. pylori* infection do not normally possess a mucus layer. ... The adherent mucus layer of HT29-MTX-E12 cells contained the ... For experiments cells were grown for up to 21 days on Transwell ... For detection of the interaction of TFF1 expressed in HT29-MTX-E12 cells with *H. pylori* ...