

## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 5634

**Title:** Novel Role of Toll like Receptors in Helicobacter pylori-induced gastric malignancy

**Reviewer code:** 02536230

**Science editor:** Zhai, Huan-Huan

**Date sent for review:** 2013-09-18 16:15

**Date reviewed:** 2013-09-29 06:19

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Congratulations to authors on their comprehensive review on the role of Toll-like receptors in H. pylori-associated gastric malignancy. A few comments, firstly the aims of the review were not described in the introduction. Secondly, to date, thirteen rather than ten types of TLRs have been identified. Thirdly, a diagram may be helpful to summarize the roles of TLRs in H. pylori-induced innate immunity. Finally, besides gene polymorphisms of TLRs in gastric cancer, polymorphisms of TLRs have been identified in subjects with H. pylori infection (reference: Mayerle J et al, Jama 2013), providing links between the two. Authors may be interested to review and discuss on this.

## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 5634

**Title:** Novel Role of Toll like Receptors in Helicobacter pylori-induced gastric malignancy

**Reviewer code:** 00039368

**Science editor:** Zhai, Huan-Huan

**Date sent for review:** 2013-09-18 16:15

**Date reviewed:** 2013-10-07 16:44

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Review of manuscript for WJG "Novel role of Toll like receptors in Helicobacter pylori-induced gastric malignancy" by Uno Kaname et al. et al. (ESPS Manuscript No: 5634). This is a well written review concerning the role of Toll-like receptors (TLRs) in H. pylori -induced immune response as well as in gastric carcinogenesis. This paper give an good overview about the role of TLRs (in particularly TLR2 and TLR4) in the recognition of H. pylori and the subsequent induction of intracellular signaling cascades that activate inflammation in gastric mucosa. The authors described also the pathophysiologic roles of TLRs in development of gastric cancer in H. pylori-induced inflammation condition. The authors have reviewed an ample amount of literature (73 references) and the paper is illustrated by one figure and one table. The only suggestion: the Figure legends required a more detailed explanation of presented mechanisms.

## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 5634

**Title:** Novel Role of Toll like Receptors in Helicobacter pylori-induced gastric malignancy

**Reviewer code:** 01002233

**Science editor:** Zhai, Huan-Huan

**Date sent for review:** 2013-09-18 16:15

**Date reviewed:** 2013-10-14 21:31

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Manuscript title: Novel Role of Toll like Receptors in Helicobacter pylori-induced gastric malignancy

Detailed comments and suggestions are listed below. 1.Introduction: The 2nd paragraph in page 5, "The stomach does not function like one's intestine .....system. Therefore, it remains unclear how the human....towards H. pylori". The English sentence writing of this manuscript is confusing. The author needs to modify the sentences correctly and Please provide more references 2.Toll-like receptors in innate immunity: The 2nd paragraph in page 6, "Ten types of TLRs have been identified in humans, of which ligands were originally shown to be specifically distinguished by each TLR (Figure). The ten types of TLRs need to write detail to match the Figure. 3.Role of TLRs in innate immunity against H. pylori in gastric mucosa: The 2nd paragraph in page 8, "The lipid core A of H. pylori-LPS contains unique structures in....with a 2-aminoethylphosphate group at position 1". The English sentence (such as 2-aminoethylphosphate group at position 1) writing of this manuscript is confusing. The author needs to modify the sentences correctly. 4.Cooperation between TLR4 and TLR2 in H. pylori-induced innate immunity: The last paragraph in page 9, "In the low acidic environment of H. pylori-infected .... The author needs to provide more references 5.Gene polymorphisms of TLRs in gastric carcinogenesis: The 2nd paragraph in page 12, "Gene-environment interaction has been implicated as the cause of only approximately 1%-2% of H. pylori-infected individuals developing gastric cancer, we consider". The English sentence writing of this manuscript is confusing. Please double check the English writing in the manuscript. 6.The English sentence writing of this manuscript is confusing. Please double check the English writing and references. There were reference format errors in the manuscript.