

## PEER-REVIEW REPORT

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

**Manuscript NO:** 31906

**Title:** Divergent expression of bacterial cell wall component sensing TLR2 and TLR4 in colorectal carcinoma

**Reviewer's code:** 00070191

**Reviewer's country:** Turkey

**Science editor:** Ze-Mao Gong

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

In this study the expression of TLR2 and TLR4 in colorectal carcinoma have been investigated. It is observed that TLR4 expression was significantly weaker but TLR2 expression stronger in carcinoma cells when compared to normal mucosa. Moreover, down-regulation of TLR4 in the invasive front of CRC predicted poor prognosis and metastatic disease. Basically this is a well-written study of an interesting topic. My comments are: - This manuscript based primarily on pathological diagnosis and methods, as well as pathological parameters. However I did not notice any contribution of a pathologist in the study. This should be corrected because without a pathologist the reliability of the data presented here will be argumentative. - Recent studies on CRC pointed out that there is a specific association between cytomegalovirus and the occurrence and development of colorectal cancer. It is suggested that this association may be facilitated by the TLR2 signaling pathway. This finding should be presented in the discussion section to provide to the readers new frontiers about colorectal



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carcinogenesis. - Color figures are not nice and should be revised