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Title: Wumei pills attenuates 5-fluorouracil-induced intestinal mucositis through Toll-like receptor 4/myeloid differentiation factor 88/nuclear factor-κB pathway and microbiota regulation
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<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
<th>Grade D: Fair</th>
<th>Grade E: Do not publish</th>
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<tbody>
<tr>
<td>Language quality</td>
<td>Grade A: Priority publishing</td>
<td>Grade B: Minor language polishing</td>
<td>Grade C: A great deal of language polishing</td>
<td>Grade D: Rejection</td>
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Conclusion
- Accept (High priority)
- Minor revision
- Major revision
- Rejection
SPECIFIC COMMENTS TO AUTHORS
This is a well-designed, performed and written animal experimental study for the evaluation of possible role of Wumei Pills, as traditional Chinese medicine, on attenuation of intestinal mucositis induced by 5-fluoracil via TLR4/MyD88/NF-kB pathway and regulation of microbiota. The authors aimed to study the possible mechanism of effect of Wumen Pills on inflammation, intestinal mucosal barrier, and intestinal microbiota in mice model of chemotherapy-induced intestinal mucositis (CIM). The authors found that Wumei pills can activate the NF-kB pathway, inhibit the expression of TLR4/MyD88/NF-kB protein, which results in the down-regulation of inflammatory factors and increase the expression of tight junction proteins. Important results are that Wumei Pills could regulate the intestinal microflora and increase the content of short-chain fatty acids. This experimental study is important in point of view of possible further clinical studies. After revision I am satisfied with corrections needed to be complete, however in paragraph concerning “Alcian blue staining analysis” is still written that “The paraffin sections were dewaxed with water” which is incorrect!