

ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 13071

Title: Xiaotan Sanjie Decoction Inhibits Interleukin-8-induced Adhesion, Migration and Invasion in Gastric Cancer SGC-7901 Cells

Reviewer code: 00051382

Science editor: Ya-Juan Ma

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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"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input checked="" 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		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

To investigate the interaction between Xiaotan Sanjie (XTSJ) decoction and IL-8 on adhesion, migration and invasion of gastric cancer cells, the authors used gastric cancer SGC-7901 cells exposed to the serum containing XTSJ decoction and/or IL-8. They found that cell adhesion, migration, invasion abilities and CD44 protein expression were promoted by IL-8, in contrast were inhibited by XTSJ decoction. XTSJ decoction had insignificant influence on CD44 mRNA expression, which was promoted by IL-8. These results suggested that XTSJ decoction could inhibit adhesion, migration and invasion of gastric cancer cells. 1. Several language errors can be found in the manuscript. Such as, Abstract: "polumerase chain reaction" should be "polymerase chain reaction". 2. Only one gastric cancer cell line was used. 3. Table 2 and 3: the statistic results should be indicated. 4. Figure 4: how many times have you done? 5. Figure 5: It is hard to see the effects of XTSJ decoction and IL-8 on the expression of CD44 in mRNA level.