

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 89345

Title: Cholecystokinin and cholecystokinin-A receptor: An attractive treatment strategy for biliary dyskinesia?

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00058381

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Austria

Author's Country/Territory: China

Manuscript submission date: 2023-10-28

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2023-11-19 15:53

Reviewer performed review: 2023-11-19 19:37

Review time: 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Comments/Suggestions: (1) This letter comments on the article of Xu et al. (World J Gastroenterol 2023; 29: 5374-5382) It does not really break new ground, but provides some critical aspects. (2) Abstract: "Fortunately, Xu et al demonstrated that cholecystokinin (CCK) regulates the contractile function of the common bile duct by acting on cholecystokinin-A receptor (CCK-A receptor) in interstitial Cajal-like cells of the common bile duct, which contributing to improving the academic understanding of biliary tract dynamics, in turn providing emerging directions for the pathogenesis and clinical management of biliary dyskinesia." -> Xu et al demonstrated that cholecystokinin (CCK) regulates the contractile function of the common bile duct by acting on cholecystokinin-A receptor (CCK-A receptor) in interstitial Cajal-like cells of the common bile duct, contributing to improving the academic understanding of biliary tract dynamics and providing emerging directions for the pathogenesis and clinical management of biliary dyskinesia. (3) Core Tip: "This letter agrees the findings of Xu et al..." -> This letter agrees with the findings of Xu et al... (4) Text, first paragraph, first sentence: "We read with interest a original article..." -> We read with interest an original

article... (5) First paragraph, second sentence: "We agree with the authors' findings that cholecystokinin-A receptors (CCK-A receptors) is highly expressed..." -> We agree with the authors' findings that cholecystokinin-A receptors (CCK-A receptors) are highly expressed... (6) Second paragraph, sixth sentence: "...a animal..." -> ...an animal... (7) Third paragraph, second sentence: "A clinical study exploring whether a CCK-A agonist (GI181771X) was beneficial in reducing body weight in obese patients." -> A clinical study explored whether a CCK-A agonist (GI181771X) was beneficial in reducing body weight in obese patients. (8) Third paragraph, third sentence: "GI181771X was found to have no significant effect on body weight, waist circumference, hepatobiliary, pancreatic and other cardiometabolic markers, but had side effects on the gastrointestinal tract [5], suggests that increasing CCK-A receptor levels has no effect on the gallbladder system in obese patients, but affects gastrointestinal function." - Please rephrase and clarify this statement. (9) Third paragraph, fourth sentence: "...and also reduced gastric compliance during gastric distension [6], implies that CCK-A receptors is an important cause of gastric distension and duodenal lipid-induced dyspeptic symptoms." -> ...and also reduced gastric compliance during gastric distension [6], which implies that CCK-A receptors have an important role in gastric distension and duodenal lipid-induced dyspeptic symptoms. (10) Third paragraph, last sentence: "...limitations to the safety of CCK-A receptors..." - Did you mean ...limitations to the safety of CCK-A receptor agonists...? (11) Fourth paragraph, last sentences: "After clarifying the safety and effectiveness between CCK and CCK-A receptors in animal experiments, it is necessary to conduct large-scale clinical trials in order to promote the clinical transformation of basic research results and better serve patients. After the safety and efficacy of CCK and CCK-A receptors have been clarified in animal experiments, it is necessary to carry out large-scale clinical trials to promote the clinical translation of basic research results, and then better serve patients." - Please delete this repetition. (12) Last paragraph, first

sentence: "...the traditional treatment of biliary dyskinesia mainly cholecystectomy, but..." -> ...the traditional treatment of biliary dyskinesia is mainly cholecystectomy, but...