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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology
ESPS manuscript NO: 22676
Title: Experimental models of renal calcium stones in rodents
Reviewer's code: 01704618
Reviewer's country: United States
Science editor: Fang-Fang Ji
Date sent for review: 2015-09-17 10:32
Date reviewed: 2015-10-03 03:14

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[ ] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

In this manuscript, is a review of literature describing various experimental values of renal calcium stone in rodents. The manuscript is written clearly however I have a few comments that may improve the manuscript. 1. The most important point is that in each section I recommend the authors indicate the strengths and limitations of that specific model alternatively the strengths and limitations could be added to tables provided. 2. In several instances the statements without citation. Introduction line 13 minor points in genetically modified animals should be medullar collecting ducts and in "small bowel resection" should be distal ilium.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology
ESPS manuscript NO: 22676
Title: Experimental models of renal calcium stones in rodents
Reviewer's code: 00506304
Reviewer's country: Thailand
Science editor: Fang-Fang Ji
Date sent for review: 2015-09-17 10:32
Date reviewed: 2015-10-14 21:29

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

General comments Bilbault and Haymann comprehensively reviewed the rodent models of nephrolithiasis and nephrocalcinosis, the latter of which is much easier to be induced in rodents. For example, hyperoxaluria induced by oxalate infusion leads to nephrocalcinosis in rats. The animal models of renal stone are certainly valuable for better understanding of nephrolithiasis and nephrocalcinosis in humans. Specific comments 1. The authors may discuss whether calcium intake and intestinal calcium absorption as well as conditions with enhanced bone resorption determine the severity of nephrocalcinosis. 2. Amounts of dietary calcium, phosphorus, and vitamin D should be provided, perhaps in the "animal model" column of the tables. 3. Please check typographical errors, such as "deshydrogenase" in the hydroxyproline section.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology
ESPS manuscript NO: 22676
Title: Experimental models of renal calcium stones in rodents
Reviewer's code: 00625196
Reviewer's country: Austria
Science editor: Fang-Fang Ji
Date sent for review: 2015-09-17 10:32
Date reviewed: 2015-10-16 22:40

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[Y] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The mini review of Bilbault and Haymann gives an important overview of animal models for studying renal calcium stones. Relevant information is provided in a condensed manner. The authors also discuss future aspects and necessary improvements in the respective research field. The manuscript perfectly meets the scope of the World Journal of Nephrology.