

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Virology

**ESPS manuscript NO:** 12771

**Title:** The role of Histo-Blood Group Antigens in primate enteric calicivirus infections

**Reviewer code:** 01465806

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-07-25 16:13

**Date reviewed:** 2014-08-01 05:00

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 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	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

Overall it is a nice mini review on this topic. Since ReCV/TV belongs to a different genus from human norovirus, and in vitro data suggested no binding of sapoviruses, belonging to Sapovirus genus within Caliciviridae, to HBGAs, the results from ReCV/TV model may not reflect the true function of HBGAs in human norovirus infectious. This should be addressed in the manuscript. References: Shirato-Horikoshi H, Ogawa S, Wakita T, Takeda N, Hansman GS. 2007. Binding activity of norovirus and sapovirus to histo-blood group antigens. Arch Virol 152:457-461. Kim DS, Hosmillo M, Alfajaro MM, Kim JY, Park JG, Son KY, Ryu EH, Sorgeloos F, Kwon HJ, Park SJ, Lee WS, Cho D, Kwon J, Choi JS, Kang MI, Goodfellow I, Cho KO. 2014. Both alpha2,3- and alpha2,6-Linked Sialic Acids on O-Linked Glycoproteins Act as Functional Receptors for Porcine Sapovirus. PLoS Pathog 10:e1004172.)

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Virology

**ESPS manuscript NO:** 12771

**Title:** The role of Histo-Blood Group Antigens in primate enteric calicivirus infections

**Reviewer code:** 00506467

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-07-25 16:13

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

The manuscript is very interesting and clinically relevant. However, the manuscript might be easier to understand if the author would give some background information, e.g. on ABO and Lewis blood group systems and on the classification of noroviruses.