

Answering to reviewers:

Reviewer No.1

Name of journal: World Journal of Clinical Cases

Manuscript NO: 39884

Title: Isolation and Characterization of a New Candidate Human Inactivated Rotavirus Vaccine Strain from Hospitalized Children in Yunnan, China: 2010~2013

Reviewer's code: 02840182

SPECIFIC COMMENTS TO AUTHORS

The authors conducted a study of rotavirus strains associated with a particular region in the years 2010-2013. In this study; authors pointed that the rotavirus G9 genotype had a high prevalence in research region and they produced neutralizing antibody against ZTR-68. This study may contribute to the literature despite the lower number of samples and isolated strains. Comments to the authors 1. General description about ZTR68 should be specified in the abstract and material method section 2. Figure 4 should be offered as visually understandable.

Answering to reviewer:

Q1. The authors conducted a study of rotavirus strains associated with a particular region in the years 2010-2013. In this study; authors pointed that the rotavirus G9 genotype had a high prevalence in research region and they produced neutralizing antibody against ZTR-68. This study may contribute to the literature despite the lower number of samples and isolated strains.

Answering: Thank you for your professional comments. Our study focused

on rotavirus detection and isolation in hospitalized children in Yunnan Province, Southwest China. We found that the G1, G2 and G3 genotypes had a high prevalence from 2010 to 2011. However, the G9 genotype was the predominant cause of gastroenteritis in children in Yunnan, China, in 2012 and 2013. Our data pointed that the rotavirus G9 genotype had a high prevalence in Yunnan after 2012 based on relatively low number of samples and isolated strains, like other regions in China and other countries. Another Rotavirus A G9P[8] strain was isolated and now be characterized, And part of the work needs to be done to identify, this work would be submitted soon later.

Q2. Comments to the authors 1. General description about ZTR68 should be specified in the abstract and material method section

Answering: Thank you for your professional comments. Your opinion is accepted, description of strain ZTR-68 was added in abstract and material method section. They could be found in line 98 to 102, and line 260 to 263.

Thank you.

Q3. Comments to the authors 2. Figure 4 should be offered as visually understandable.

Answering: Thank you for informed me that all figures were low image

resolution, especially Fig.4. In this revision, manuscript use 300 dpi images, and could be readable.

Reviewer No.2

Name of journal: World Journal of Gastroenterology

Manuscript NO: 39884

Title: Isolation and Characterization of a New Candidate Human Inactivated Rotavirus Vaccine Strain from Hospitalized Children in Yunnan, China: 2010~2013

Reviewer's code: 00506481

SPECIFIC COMMENTS TO AUTHORS

List of corrections for authors

World Journal of Gastroenterology; Manuscript ID 39884
Isolation and Characterization of a New Candidate Human Inactivated Rotavirus Vaccine Strain from Hospitalized Children in Yunnan, China: 2010~2013

Answering to reviewer:

Thank you for your professional suggestion of description correction and improvement in this manuscript. Each suggestion and rationalization proposal was accepted and the manuscript was revised. Thank you checked and approved this manuscript carefully.

Page No. Line No.	Description as in manuscript	Suggested correction and improvement
Page 2 Line 31	contrivution	contributions
Page 3 Line 70	examed	examined
Page 5 Line 108	under 5 years-old	aged below five years
Page 5 Line 124	are under 5 years old	among children aged below five years
Page 7 Line 179	passed	passaged
Page 9 Line 251	quantified proteins	quantified for protein
Page 9 Line 256	Serum were collected after injection two weeks	Serum was collected two weeks after injection
Page 10 Line 263-264	Cell was incubated at 37oC containing 5% CO ₂	The cell monolayers were incubated at 37°C in a Carbon dioxide incubator [5% CO ₂) under humid conditions.
Page 10 Line 265	104~105	10 ⁴ to 10 ⁵
Page 10 Line 265	incubated	and incubated
Page 10 Line 265	plates fixed	plates were
Page 10 Line 266	(-20oC)	(-20°C)
Page 10 Line 266	drying in air	air dried
Page 10 Line 267	37oC	37°C
Page 10 Line 269	37oC	37°C
Page 10 Line 277	by	with
Page 10 Line 277	with 5% in PBS	with 5% BSA in PBS
Page 10 Line 278	supernatans	supernatant
Page 10 Line 278	incubation	incubated
Page 10 Line 279	Serial diluted mouse serum were	serially diluted mouse serum was
Page 10 Line 281	were	was

Page 10 Line 282	H2SO4	H ₂ SO ₄
Page 10 Line 283	BioTeck	BioTek
Page 10 Line 284	negitive	negative
Page 11 Line 287	were	was
Page 11 Line 289	cultivaed	cultivated
Page 11 Line 290	after	at
Page 11 Line 290	transferd	transferred
Page 11 Line 314	No patients	None of the patients
Page 13 Line 372	shoe	shows
Page 14 Line 378	strins	strains
Page 14 Line 399	increased	increase
Page 14 Line 400	examed	examined
Page 16 Line 446	in	Delete in
Page 18 Line 490	The Journal of infectious diseases	The Journal of Infectious Diseases
Pag 18 Line 499	Emerging Infectious Diseases	Emerging Infectious Diseases
Page 18 Line 502	Nature reviews Disease primer	Nature Reviews Disease Primer
Page 18 Line 514	virology	Virology
	Journal of medical virology	Journal of Medical Virology
Page 19 Line 537	The Journal of hygiene	The Journal of Hygiene
Page 19 Line 540	Nucleic acids research	Nucleic Acids Research
Page 19 Line 542	Molecular biology and evolution	Molecular Biology and Evolution
Page 19 Line 545	Scientific reports	Scientific reports

Page 19 Line 556	Diagnostic Microbiology and infectious disease	Diagnostic Microbiology and Infectious Disease
Page 19 Line 573	The Americal journal of tropical medicine and hygiene	The Americal Journal of Tropical Medicine and Hygiene
Page 20 Line 577	Journal of medical virology	Journal of Medical Virology
Page 20 Line 583	Journal of clinical microbiology	Journal of Clinical Microbiology
Page 20 Line 587	Emerging infectious diseases	Emerging Infectious Diseases
Page 20 Line 592	Lancet infectious diseases	Lancet Infectious Diseases
Page 20 Line 596	Reviews in medical virology	Reviews in Medical Virology
Page 20 Line 600	Journal of clinical virology	Journal of Clinical Virology
Page 20 Line 604	Emerging infectious diseases	Emerging Infectious Diseases
Page 20 Line 606	Clinical infectious diseases	Clinical Infectious Diseases
Page 20 Line 610	Clinical infectious diseases	Clinical Infectious Diseases
Page 21 Line 622	The Journal of veterinary medical science	The Journal of Veterinary Medical Science
Page 22 Line 634	numbers	number