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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 49215

**Title:** CFTR functional evaluations in a G542X+/- IVS8Tn:T7/7 patient with acute recurrent pancreatitis

**Reviewer's code:** 01800530

**Position:** Editorial Board

**Academic degree:** DSc, FRCP (C), MD

**Professional title:** Doctor

**Reviewer's country:** India

**Author's country:** Italy

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2019-05-26 09:05

**Reviewer performed review:** 2019-06-04 10:01

**Review time:** 9 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

Caldrer S et al. work on functional assay is interesting. However, there are few queries and suggestions Major 1. There is no clarity on how the CFTR mutation was identified in the proband. Was the entire CFTR gene sequenced? If so, were there other mutations that were identified? 2. Were the pedigree details taken from the patient? If yes what was the status of other family members with respect to both the disease and the mutation? 3. The authors had written under Genetic examination that mutations associated with pancreatitis in SPINK1 and PRSS1 genes provided negative results. What were the mutations that were screened? Was the entire gene sequenced? 4. What is the final conclusion? Do the authors suggest to perform all the functional tests henceforth in all the patients to confirm/exclude CFTR related pancreatitis. What should be the algorithm? Suggest the authors to include the same. What according to the authors is the combination that is sensitive to identify the same. Minor Although ICM is expanded as Intestinal current measurement in Introduction, kindly expand it under CFTR FUNCTIONAL ASSAYS for the reader.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism



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**https://**[www.wjgnet.com](http://www.wjgnet.com)

[ Y ] No