

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Methodology

**Manuscript NO:** 62862

**Title:** Molecular diagnosis in cat allergy

**Reviewer's code:** 03852107

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Romania

**Manuscript submission date:** 2021-01-23

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

**Reviewer accepted review:** 2021-02-07 01:58

**Reviewer performed review:** 2021-02-07 03:02

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

Although the review is interesting, but still contains some issues, belowing (1) All Fel d 1-8 should b introduced together, with a summary of molecular mechanisms and mapping. Finally, it explains which molecules are the best as commercial IgE immunoassays. (2) The introduction o f the Cat Niemann-Pick type C2 protein and Kallikrein allergens is too little, and i do not understand the author's intention to introduce the Cat Niemann-Pick type C2 protein and Kallikrein allergens. (3) Why can't IgA Fel d 5, IgM Fel d 6 and so on be available as allergen components in the current commercial IgE immunoassays? Please explain the reason and indicate whether it has potential as the commercial IgE immunoassays.