



### PEER-REVIEW REPORT

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

**Manuscript NO:** 60684

**Title:** Iguratimod promotes transformation of mononuclear macrophages in elderly patients with rheumatoid arthritis by NF-κB pathway

**Reviewer's code:** 03017792

**Position:** Peer Reviewer

**Academic degree:** FACE, MD, PhD

**Professional title:** Professor, Research Scientist

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

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

**Manuscript submission date:** 2020-12-11

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-12-11 10:10

**Reviewer performed review:** 2020-12-29 01:22

**Review time:** 17 Days and 15 Hours

<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 Grade E: Do not publish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 checked="" type="checkbox"/> Minor revision <input 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



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#### **SPECIFIC COMMENTS TO AUTHORS**

Rheumatoid arthritis is a multisystem inflammatory response based that involves bones and joints. The pathogenesis of rheumatoid arthritis is unclear. In the occurrence and development of rheumatoid arthritis, the dynamic balance between M1 and M2 types of macrophages is broken, causing a proportional imbalance, resulting in more M1 proinflammatory macrophages, producing a large number of inflammatory factors and aggravating the inflammatory response. The effects of iguratimod on the effects of cell polarity have not been reported. In this study, the authors investigated the effects of iguratimod on the polarity of mononuclear macrophages in elderly patients with rheumatoid arthritis. (1) The title reflects the main subject of the manuscript, but too long. Please short it. (2) The abstract summarizes and reflects the work described in the manuscript. Good. (3) Background are adequately described. (4) Methods are described in adequate detail. (5) Results are interesting, and well discussed. (6) Figures and tables are good. However, I suggest the authors to add the data in tables to the main text, and delete the tables. Too little data for a table. (6) Manuscript requires a minor editing, both the language and format.