PEER-REVIEW REPORT

Name of journal: World Journal of Virology
Manuscript NO: 89985
Title: Long chikungunya? An overview to immunopathology of persistent arthralgia
Provenance and peer review: Invited Manuscript; Externally peer reviewed
Peer-review model: Single blind
Reviewer’s code: 06237902
Position: Peer Reviewer
Academic degree: PhD
Professional title: Associate Professor
Reviewer’s Country/Territory: China
Author’s Country/Territory: Brazil
Manuscript submission date: 2023-11-20
Reviewer chosen by: Meng-Liu Luo
Reviewer accepted review: 2024-01-22 09:49
Reviewer performed review: 2024-01-29 01:38
Review time: 6 Days and 15 Hours

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
<th>Grade D: Fair</th>
<th>Grade E: Do not publish</th>
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<tr>
<td>Novelty of this manuscript</td>
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<td>Grade B: Good</td>
<td>Grade C: Fair</td>
<td>Grade D: No novelty</td>
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<td>Creativity or innovation of this manuscript</td>
<td>Grade A: Excellent</td>
<td>Grade B: Good</td>
<td>Grade C: Fair</td>
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SPECIFIC COMMENTS TO AUTHORS

Chikungunya fever (CF) is an arbovirus disease that manifests in a wide variety of ways, and it has become increasingly severe in recent years. The most common symptoms of CF include fever and severe joint pain, which can last for several weeks. Other symptoms may include muscle pain, headache, joint swelling, and rash. CF is transmitted through the bite of infected mosquitoes, and it is most commonly found in tropical and subtropical regions. While there is no specific treatment for CF, symptoms can be managed with rest, fluids, and medications. Prevention measures, such as using insect repellent and wearing long-sleeved clothing, can also help reduce the risk of infection. This review is not a full review to CF and immunopathology of persistent arthralgia caused by CF. Following are the suggestions to improve this minireview. 1. A review about Chikungunya fever can contribute to a better understanding of the disease, its symptoms, transmission, and treatment options. By summarizing and synthesizing existing research on CF, this review will provide an overview of the current state of knowledge and identify gaps in the research that need to be addressed. 2. Please provide further insights into the effectiveness of different treatment approaches and prevention.
measures, as well as highlight the most promising areas for future research. By providing a comprehensive and up-to-date overview of the literature, this review will help inform policymakers, healthcare professionals, and the general public about the most effective ways to prevent and treat CF. 3. Persistent arthralgia is a significant complication of Chikungunya fever, as it can affect a person's quality of life and ability to carry out daily activities. The exact mechanisms behind persistent arthralgia are not fully understood, but it is thought to be caused by a combination of factors, including inflammation, autoimmunity, and tissue damage. Please make a detailed introduction to this part. 4. Studies have shown that persistent arthralgia can affect up to 60% of individuals who have had Chikungunya fever, and it can last for several years in some cases. Treatment options for persistent arthralgia associated with Chikungunya fever include pain management, physical therapy, and in some cases, disease-modifying antirheumatic drugs (DMARDs). Please provide medical advice to manage the symptoms effectively. 5. Please add Conclusions to this review.