



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 58944

Title: Noninvasive tools based on immune biomarkers for the diagnosis of central nervous system graft-vs-host disease: Two case reports and review of literature

Reviewer’s code: 00415501

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer’s Country/Territory: Taiwan

Author’s Country/Territory: China

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Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-11-06 01:59

Reviewer performed review: 2020-11-25 07:29

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Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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

Some comments are solicited for the suitability of this manuscript for publication. Specific concerns are as follows: Currently, we routinely use STR analysis for the screening and diagnosis of GVHD. STR analysis of CSF may be used as a tool to aid in the diagnosis of GVHD of the CNS. Based on the experience in hematopoietic stem cell transplantation, there is growing evidence that GVHD can affect the CNS. The presentation may be acute or chronic, and patients may present with altered mental status, focal neurological deficit, cognitive impairment, seizure, or even coma. MRI usually revealed varied features and is nondiagnostic. CNS-GVHD can be tested and confirmed by STR of the patient's CSF sample. The grammar was well organized, but there is a typo on line 95 "Physical examination examination revealed bradypsychia".