

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Nephrology

**ESPS manuscript NO:** 13809

**Title:** Complement activation in progressive renal disease

**Reviewer code:** 00503339

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2014-09-04 13:49

**Date reviewed:** 2014-10-09 23:36

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

The topic under discussion involves a great deal of basic immunology and intermediary metabolism relating to the "immune response". The Authors have selected the role of Complement in the genesis of glomerular and tubular fibrosis leading to proteinuria and progressive loss of renal function ending in clinical kidney failure. Overall, they have communicated well though the enormity of their task leaves incomplete explanations for trainees and clinicians trying to learn the molecular biology of progressive kidney disease. Two additions to the paper will enhance its readability and thus effectiveness. 1. Every term should be defined when first used such as MAC. A Table listing every abbreviation in the paper should be prepared so the Reader can refer to earlier definitions without interrupting understanding of later passages. 2. Explanations should be provided when first alluding to aspects of the immune response that may not be familiar to clinical trainees as in "inductive phase of the acquired immune response", "classical pathway", "internal thioester bond of C3", "adaptive immune system", and "The C3 convertase cleaves C3 resulting in assembly of the C5 convertase and sequential binding of C6,7,8 and 9 to form C5b-9, the membrane attack complex." The point is that what is being communicated should be in terms that are understandable to the anticipated readership. Limiting the number of illustrations for this paper means that Figure 1 assumes enormous importance but there is no inclusion of C7 or C8 meaning that their location in the "process" must be speculated. Overall, there is great need for this paper provided that the earnest reader is able to grasp what is being communicated .. The Authors have the knowledge and might



## BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)

<http://www.wjgnet.com>

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test their manuscript on a Nephrology Trainee to determine whether they are actually getting their important points across to students.