

## PEER-REVIEW REPORT

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

**Manuscript NO:** 51045

**Title:** Human podocyte injury in the early course of hypertensive renal injury

**Reviewer's code:** 02460202

**Position:** Peer Reviewer

**Academic degree:** FCPS, MD

**Professional title:** Full Professor, Research Scientist

**Reviewer's country:** Germany

**Author's country:** China

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

**Reviewer accepted review:** 2019-10-14 04:01

**Reviewer performed review:** 2019-10-15 01:08

**Review time:** 21 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This is an interesting study about the podocyte injury induced by hypertension in the

early course without massive proteinuria or renal dysfunction. Podocytes and their foot processes form tight interdigitating networks that contribute to the hydraulic permeability of the glomeruli and play a crucial role as a filter for macromolecules. This study is well designed and the results are very useful. It remains unclear whether podocyte-associated proteins are involved in regulation and control of podocyte injury and loss. And whether podocyturia can replace proteinuria for early prediction of hypertensive renal injury is also unknown. In this study, the authors detected the urinary podocytes and obtained human data on podocyte injury and loss under hypertensive conditions. 1. The title reflects the subject of the manuscript. 2. The abstract is good, however, the background should be more informative. 3. Methods are described in detail. The groups are divided properly. The characteristics of the patients are very clear. 4. The results are interesting. The analysis of glomeruli is good. 5. Discussion is good. However, is somewhat long, if the authors can short it, it will be better. 6. References are updated. Well discussed. 7. Figures are good, but not in high quality. The authors should provide high resolution images for publication. 8. Very small language polishing should be checked and revised.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

### ***BPG Search:***

- ☐ The same title



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[ ] Plagiarism

[ Y ] No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 51045

**Title:** Human podocyte injury in the early course of hypertensive renal injury

**Reviewer's code:** 02447417

**Position:** Peer Reviewer

**Academic degree:** FRCPC, MBBS, PhD

**Professional title:** Doctor, Professor, Research Scientist

**Reviewer's country:** United Kingdom

**Author's country:** China

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

**Reviewer accepted review:** 2019-10-14 04:02

**Reviewer performed review:** 2019-10-15 01:27

**Review time:** 21 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Very interesting study of podocyte injury in hypertensive renal injury. The manuscript is



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very well written. Methods are clear, and sample is enough for a this brief report. Interesting results and well discussed. I have no sepcific comments. I suggest to publish this manuscript after a minor language editing.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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- ☒ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No