

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54925

Title: Liver structural transformation after partial hepatectomy and repeated partial hepatectomy in rats: a renewed view on liver regeneration based on the morphometry and SEM of corrosion casts

Reviewer's code: 00914743

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Georgia

Manuscript submission date: 2020-02-27

Reviewer chosen by: Ruo-Yu Ma

Reviewer accepted review: 2020-04-14 13:24

Reviewer performed review: 2020-04-28 01:29

Review time: 13 Days and 12 Hours

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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors compared the architectonics of the lobules and circulatory bed of normal, regenerated and re-regenerated livers, which has a certain meaning. However, there are some major problems. 1. The authors focus on the comparison of SG1, SG2 and control group. Current figures and tables are confusing in typography. Try to put the same content of the three groups in a figure or a table, so as to facilitate comparison. 2. In table 2, data are shown in two different means, and please choose the appropriate one. As we know, the normal distributed data are expressed by mean \pm SD, while the data which do not follow a normal distribution are expressed by median (range). 3. All tables and figures have no name. In addition, there are several minor comments. 1. The overall article format does not conform to the standard, and please refer to the previous published articles. For example, in results, 1) 2) 3) and 1 2 3. 2. The authors should pay attention to whether the difference is statistically significant. 3. Too many references, please cut down appropriately. So, we advise major revision.