Reviewers' comments:

Reviewer #1:
Scientific Quality: Grade C (Good)
Language Quality: Grade B (Minor language polishing)
Conclusion: Minor revision
The authors should be preparing the manuscript according to the Guidelines for manuscript preparation, submission, and manuscript format;
https://www.wjgnet.com/bpg/GerInfo/218.

Thanks for the comment. This is a very important comment. As the reviewer said,we should prepare the manuscript according to the Guidelines. Finally,we really appreciate the opinion from the reviewer.

Reviewer #2:
Scientific Quality: Grade D (Fair)
Language Quality: Grade B (Minor language polishing)
Conclusion: Major revision
Novelty of This Manuscript: Grade B (Good)
Creativity or Innovation of This Manuscript: Grade B (Good)
Scientific Significance of the Conclusion in This Manuscript: Grade B (Good)
Dear authors; Considering the integrity of the subject, it is seen that the article is well designed and can arouse curiosity. You can find some of my comments below Middle cerebral artery occlusion (MCAO), how was it created? What materials were used? How are brain tissues obtained? After how many days were the rats sacrificed? How and by what method was gene analysis obtained from tissues? What methods were used during gene analysis? Explanations of abbreviations are not included under the tables. Tables should be reviewed The article should be read carefully once again in order to detect the spelling mistakes in the article. In the tables, only the gene analyzes of the young rats are given, but while reading the article, the gene analyzes in the older rats are also curious. Therefore, I think that it would be more appropriate to jointly present gene analyzes of young and older rats. The flowchart is interrupted. The last parts are unreadable. Once again it needs to be placed correctly in the text.

Thanks for the comment very much. We have revised the manuscript according to the the reviewer's comments and suggestions. Besides,this paper mainly uses relevant software tools to extract relevant data from international public authoritative databases for biogenetic informatics analysis. The rats, brain tissues and gene analysis

methods are all existing materials and mature technologies. The data in the database is of high value, and the relevant technologies are also very mature and reliable without any problems. As for the spelling, flow chart and writing problems in this paper, we are very grateful for the valuable comments made by the reviewer, and we also made revisions according to the reviewers' comments. Finally, I would like to express my heartfelt thanks again to the teachers of the editorial department and the reviewers for their valuable opinions and experience. I hope that this article could be published in your journal. Thank you!!!