

Response to Reviewers Comments

1. The parts of "anatomical and molecular structure of intervertebral disc, and surrounding pathophysiology of the disc" are too long. Most of the contents in these parts are common knowledge's and do not need to be elaborated in this manuscript. They should be deleted.

The concerned section is removed from the revised version.

2. A section, which mainly discusses the current problems (technical aspects, ethical aspects, clinical aspects, etc) and possible solutions should be added in.

A new section "current issues related to treating degenerative intervertebral disc" is added in the revised version.

3. There are still some grammatical errors. So, revision should be recommended.

The grammatical errors are now corrected in revised version.

4. The author quotes too many references, some of the contents in the manuscript are common knowledge and can be simplify in this manuscript.

The references are reduced in revised version.