Author’s response to reviews

Title: Myricanol 5-fluorobenzyloxy ether regulation of survivin pathway inhibits human lung adenocarcinoma A549 cells growth in vitro

Authors:

guanhai dai (daiguanhai@gmail.com)
Xuan Chen (chenxuan001564@163.com)
Zeming Ren (rcha007@163.com)
Chenjie Dai (Chenjie.18@intl.zju.edu.cn)
Yeling Tong (tongyeling@sina.com)
Kequn Chai (ckq3301@aliyun.com)

Version: 3 Date: 17 Aug 2020

Author’s response to reviews:

Response to Reviewers
>Reviewer #2: The revised version of the manuscript entitled "Myricanol 5-fluorobenzyloxy ether regulation of survivin pathway inhibits human lung adenocarcinoma A549 cells growth in vitro" incorporates the suggestions provided by the reviewer. Before consideration, this manuscript for the publication, the following changes should be carried out to enhance the overall quality of the manuscript.

Minor Corrections:
1. Line 32: Add the abbreviation of small cell lung cancer.
   Author response: Thank you very much for your valuable suggestion to improve our manuscript. We have added the abbreviation of small cell lung cancer (SCLC). (Background section, line 32).

2. Line 48-49: Rewrite the sentence.
   Author response: Thank you very much for this professional suggestion to improve our manuscript. We have rewrote the sentence as “Survivin has been recognized as a tumor gene because it is highly expressed in cancer tissues, while rarely expressed in normal tissues”. (Background section, lines 48-49).

3. Line 50: Add preposition after the words important factor.
   Author response: Thank you very much for this professional suggestion to improve our manuscript. We have added preposition “in” after the words important factor. (Background section, line 50).

4. Line 56-57: Rewrite the sentence "As a ………targeting tumors".
Author response: Thank you very much for this professional suggestion to improve our manuscript. We have rewrote the sentence “Since survivin is highly expressed in cancer and low in normal tissues, targeted survivin therapy to treat cancer may have less damage to normal tissues”. (Background section, lines 56-57).

Reviewer 3: The manuscript "Myricanol 5-fluorobenzyloxy ether regulation of survivin pathway inhibits human lung adenocarcinoma A549 cells growth in vitro" has been revised, however the authors didn't pay a good attention to their scientific writing, therefore the manuscript should be revised carefully.

1. -The sentence in the lines 48-49 is not clear and should be rephrased so that the reader can understand it easily.
Author response: Thank you very much for this professional suggestion to improve our manuscript. We have rewrote the sentence as “Survivin has been recognized as a tumor gene because it is highly expressed in cancer tissues, while rarely expressed in normal tissues”. (Background section, lines 48-49).

2. -Line 69, the word we "screened" should be replaced by we "observed that"
Author response: Thank you for your patient to improve our manuscript. We have replaced the word "screened" with "observed that". (Background section, line 69).

3. -The methods section, the product code should be placed in parenthesis after the manufacturer's name
Author response: Thank you for your patient to improve our manuscript. We have placed the product code in parenthesis after the manufacturer's name (Methods section, lines 84-99).

4. -Lines 144, 150 and 171: The sentence "The experiments were performed in three independent experiments each in triplicate" should be written "The experiments were performed independently in triplicate."
Author response: Thank you for your patient to improve our manuscript. We have replaced the sentence "The experiments were performed in three independent experiments each in triplicate" with "The experiments were performed independently in triplicate". (Methods section, Lines 146, 151-152 and 173-174).

5. -Line 311 cancers
Author response: Thank you for your patient to improve our manuscript. We have replaced the word "cancer" with "cancers". (Discussion section, line 313).

6. -Line 321 "found to be more antitumour" should be replaced with "found to have more antitumour"
Author response: Thank you for your patient to improve our manuscript. We have replaced the "found to be more antitumour" with "found to have more antitumour". (Discussion section, line 323).

7. -The sentence in lines 324-325: "We speculate that antitumor mechanism of 5FEM may through the survivin pathway." should be rephrased to be clear.
Author response: Thank you for your patient to improve our manuscript. We have rewote this sentence to “We speculated that inhibiting the survivin pathway might be the main antitumor mechanisms of 5FEM” (Discussion section, lines 326-327).

8. -In line 336 "results" should be replaced by "findings"  
Author response: Thank you for your patient to improve our manuscript. We have replaced the word "results" with "findings". (Conclusion section, line 338).

9. -In line 337: no figure or table numbers should appear in the conclusion section.  
Author response: Sorry for this mistake. We have deleted the “(Fig. 12)” in the conclusion section and inserted it in the discussion section. (Discussion section, line 327).