Author’s response to reviews

Title: Coreopsis tinctoria Nutt ameliorates high glucose-induced renal fibrosis and inflammation via the TGF-β1/SMADS/AMPK/NF-κB pathways

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Author’s response to reviews:

A point-by-point response letter

Sajjad Ahmad (Reviewer 1): Major Comments

1. The manuscript contain myriads of grammatical, typographical and spelling mistakes so it should be revised thoroughly. The title and affiliations should also be rectified for example see the spelling of COLLEGE in address of corresponding author.
Yes I have rectified(line 20, page 1)

2. The effect of AC should also be evaluated against Normal cell line (Non-cancerous)
Yes I think so. It may be an imperfect part of my experiment design. I will pay much attention about it in future.

3. Spacing should be made uniform throughout the manuscript.
Yes, spacing have been be made uniform throughout the manuscript.

4 There should be space between digit and unit for example two hours should be written as 2 h not 2h.
Yes the space between digit and unit in manuscript have been made.
5. Give an appropriate reference to western blotting and immunofluorescence staining.
Yes, appropriate reference to western blotting and immunofluorescence staining have been given.(line 179, line 188, page 9)

6. In the statistical analysis, why not the two way ANOVA has been employed.
In most part of data analysis, there was only one impact factor (HG or not). So I used data analysis of one way ANOVA. However, I ignored that in Figure 5 and Figure 7 there were two or three impact factors. So there were another imperfect part of my experiment design. I will supplement this part of experiment.

7. Put some of the figures in tables forms.
After carefully checking of the manuscript, for the writing logic and consistency there were no need to put some of the figures in tables forms as far as I can see. I am sorry that I can’t finish this changes.

8. In the discussion section some recent references regarding the natural products should be cited for example
Yes, I have cited some references (line 217, page 13)

9. The conclusion section should be revised technically.
Yes ,I have revised this part( line 385, page 18)

10. The references should be according to journal's format.
Yes all the references have been revised ( from line 421 page 20 to line 583 page 27).

Farhat Ullah (Reviewer 2): Major revisions
1. The English language in the manuscript should be thoroughly revised throughout the manuscript including the title.
Yes, the English language in the manuscript have been thoroughly revised throughout the manuscript including the title.

2. Methods, preparation of AC, Write with explanation the process carried out after getting concentrated liquid extract and cite the standard protocol followed.
Yes, the process carried out after getting concentrated liquid extract has been explanation( line 141,page7) and cite the standard protocol was followed(line 132, page6)

3. Tabulate the first two figures.
After carefully consideration, the first two figures were from two different constituents of Coreopsis tinctoria and two different groups of concentrations for CCK8 test, so the first two figures can’t be combined into one table.

4 Typographical mistake, spelling mistakes and spacing should be rectified throughout the manuscript for instance, See abstract, background, second sentence, space is need before (AC) and (DN).
Yes , manuscript has been revised about all typographical mistake, spelling mistakes and spacing by International Science Editing ( http://www.internationalscienceediting.com ) for editing this manuscript.

5. Abbreviations rectification (see the list of abbreviation; where the pattern has been changed after DIABETES MELLITIS).
Yes all the abbreviations have been rectified (line 391, page 18)
6. References rectification; The references have not been formatted as per the style of BCAM, secondly some of the references are not complete
All the references have been rectified.( line 422.page 20- line 584, page 27)

7. Replace the symbol (&) with asterisks or hash symbols in the figures.
Figure5,6,7,8,9 have been rectified

8. Abstract, Background, mention some ethnomedicinal uses.
Ethnomedicinal uses of Coreopsis tinctoria Nutt has been mentioned( line 41,42 page2)(line 96, page 4).

9. Write down the product codes of the all the chemicals used in the study.
The product codes of the all the chemicals have been mentioned(line 115-line 132,page6)

10 No need to write the authority name (Nutt) time and again. Just write it in title and once in abstract and introduction section respectively.
Name of Coreopsis tinctoria had been formatted

11 Check the wavelength fed into the microplate reader in MTT assay. In MTT it should be 570 nm.
First, there was a mistake that no MTT assay in manuscript. So it has been deleted. Second, According to the CCK8 assay instructions, absorbance values were detected at 450 nm.(line 163 page8)

12 Statistical analysis, convert the last sentence from future into past tense.
Yes, statistical analysis has been converted the last sentence from future into past tense.(line 191-line 195, page9

13. Discuss briefly the importance of various natural products in cancer and other diseases and cite recent reports for instance see the following;
Yes, natural products in cancer and other diseases of recent reports were cited.(line272-line 277,page 13)

14. In conclusion section, avoid to write the results, just discuss the final concluded remarks.
Conclusion section has been rectified(line386-line 390,page 18).

15. In the figures the Titles of the bars on X-axis should be made concise.
All the figures the Titles of the bars on X-axis have been made concise(figure1-figure8).