

Name of Journal: *World Journal of Diabetes*

ESPS Manuscript NO: 28279

Manuscript Type: Original Article

15th September, 2016

The Editor

World Journal of Diabetes

Dear Sir/ Madam,

Submission of Revised Manuscript Number 28279

Please find herewith the revised version of our manuscript entitled '**Evaluation of Extraction Protocols for Anti-Diabetic Phytochemical Substances from Medicinal Plants**' for further consideration to publish in World Journal of Diabetes. We have addressed the concerns raised by reviewers/Scientific Editor's comments point by point as provided below in this file. The changes made are highlighted in the main manuscript..

Please feel free to contact me, if more information is needed

Looking forward to hear from you

Best regards



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RESPONSE TO QUESTIONS AND COMMENTS

Reviewer #1:

Question/Comment #1: Very good work

ANS: Thanks for the compliment. We appreciate your time.

Reviewer # 2:

Question/Comment #1: The authors provided the complete review of this issue. This manuscript provides the updated evidence to the readers. It can be accepted for publication.

ANS: Thanks for the compliment. We sincerely appreciate the time that you spent to look at our manuscript. We have been motivated

Scientific Editor's Comment

Comment #1: A short running title of less than 6 words should be provided.

ANS: A short running title has been provided as requested, Thank you

Comment #2: The full names of the authors should be given. Thank you!

ANS: The full names of all the authors have been given as directed in the title page of the main manuscript. Thank you.

Comment #3: Please offer the postcode! Thank you!

ANS: The postcode "811104" has been provided. Thank you

Comment #4: Please offer the postcode! Thank you!

ANS: The postcode "810004" has been provided. Thank you

Comment #5: Please offer the postcode! Thank you!

ANS: The postcode "811104" has been provided. Thank you

Comment #6: All the authors' work should be given in this section. Thank you!

ANS: The contributions of all the authors have been stated as requested which are in accordance to COPE and ICMJE criteria for authorship. Thank you

Comment #7: Only one corresponding address should be provided. Author names should be given first, then author title, affiliation, the complete name of institution, detail of address (to street or avenue), city, postcode, province, country, and email. Thank you!

ANS: The requested details of the corresponding author have been given as per details above "comment #7. Thank you.

Comment #8: Any article describing a study (basic research, clinical research, and case report) involving human and/or animal subjects is required to have the institutional review board (IRB) name, whether institutional (part of the author(s)' academic/medical institution, such as the Oak Grove Children's Hospital Institutional Review Board) or commercial/independent/private (contracted for-profit organizations, such as the Clinic Care Coalition for Human Rights Institutional Review Board), stated explicitly in the title page. In addition, a copy of any ethics approval document(s)/letter(s) or waiver should be provided to the BPG in PDF format.

ANS: The name of institutional review board statement has been provided. Thank you.

Comment #9: Any manuscript describing a study (basic research and clinical research) that used biostatistics must include a statement in the Materials and Methods section affirming that the statistical review of the study was performed by a biomedical

statistician. Statistical review is performed before the submission or after peer-review. The author invites an expert in Biomedical Statistics to evaluate the statistical method(s) used in the study, including but not limited to the *t*-test (group or paired comparisons), chi-square test, ridit, probit, logit and regression (linear, curvilinear, or stepwise) modeling, correlation, analysis of variance, and analysis of covariance. The review by the biomedical statistician is conducted with respect to the following points: (1) Statistical methods are adequately and appropriately described when they are used to verify the results; (2) Whether the statistical techniques are suitable or correct; (3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. The number of observations and subjects (*n*) is given. Losses in observations, such as drop-outs from the study, are reported; (4) Values, such as ED50, LD50 and IC50, have the 95% confidence limits calculated and have been compared by weighted probit modeling (using the functions described by Bliss and Finney); and (5) The word “significantly” is replaced by its synonyms (if it indicates extent) or the *P* value (if it indicates statistical significance). In addition, a copy of any approval document(s)/letter(s) or waiver should be provided to the BPG in PDF format.

ANS: Details of the biostatistical analysis are provided in the main manuscript. Thank you.

Comment #10: A conflict-of-interest statement is required for all article and study types. In the interests of transparency and helping reviewers to assess any potential bias in a study’s design, interpretation of its results or presentation of its scientific/medical content, the BPG requires all authors of each paper to declare any conflicting interests (including but not limited to commercial, personal, political, intellectual, or religious interests) in the title page that are related to the work submitted for consideration of publication. In addition, reviewers are required to indicate any potential conflicting interests they might have related to any particular paper they are asked to review, and a copy of signed statement should be provided to the BPG in PDF format.

ANS: A conflict of interest statement has been provided in the manuscript. Thank you.

Comment #11: Basic research and clinical research studies require a data sharing statement. The data sharing statement will be provided in the title page, and will be presented in the following form: Technical appendix, statistical code, and dataset available from the corresponding author at Dryad repository, who will provide a permanent, citable and open-access home for the dataset. In addition, a copy of the signed statement should be provided to the BPG in PDF format.

ANS: Data sharing statement has been provided as requested. Thank you.

Comment #12: Any article describing a study (basic research) involving animal subjects is required to have the institutional animal care and use committee (IACUC)'s institution name (such as the Genovese Institute) and protocol number (such as 14-9347-39G or EN-21549) stated explicitly in the title page section. In addition, a copy of any approval document(s)/letter(s) or waiver should be provided to the BPG in PDF format.

ANS: A statement involving the use of animal statement has been provided. Thank you.

Comment #13: Any manuscript describing a study (basic research) that used animal subjects must include a statement in the Materials and Methods section affirming that all appropriate measures were taken to minimize pain or discomfort, and details of the animals' care should be provided. In addition, a copy of the signed statement should be provided to the BPG in PDF format.

ANS: A statement affirming that all appropriate measure was taken to minimize discomfort has been provided. Thank you.

Comment #14: Abstract. An informative, structured abstract of no less than 246 words should accompany each manuscript. The Abstract will be structured into the following sections and adhering to the word count thresholds indicated in parentheses:

AIM (no more than 20 words): The purpose of the study should be stated clearly and with no or minimal background information, following the format of: "To investigate/study/determine..."

METHODS (no less than 80 words): You should present the materials and methods used for all of the data presented in the proceeding Results section of the abstract.

RESULTS (no less than 120 words): You should present *P* values where appropriate. You must provide relevant data to illustrate how the statistical values were obtained, e.g. 6.92 ± 3.86 vs 3.61 ± 1.67 , $P < 0.001$.

CONCLUSION (no more than 26 words): You should present your findings and implications that are within the scope of the data you have presented in the preceding Results section. The conclusion should be written in the present tense.

ANS: The abstract has been revised as per guidelines and directive above "comment #14". Thank you.

Comment #15: Please write a summary of no more than 100 words to present the core content of your manuscript, highlighting the most innovative and important findings and/or arguments. The purpose of the Core Tip is to attract readers' interest for reading the full version of your article and increasing the impact of your article in your field of study.

ANS: A 99-word summary presentation of the core content of the manuscript, highlighting the innovative aspect of the work as well as the most relevant findings has been provided.

Comment #16: Please offer the audio core tip, the requirement are as follows:

In order to attract readers to read your full-text article, we request that the first author make an audio file describing your final core tip. This audio file will be published online, along with your article. Please submit audio files according to the following specifications:

Acceptable file formats: .mp3, .wav, or .aiff

Maximum file size: 10 MB

To achieve the best quality, when saving audio files as an mp3, use a setting of 256 kbps or higher for stereo or 128 kbps or higher for mono. Sampling rate should be either 44.1 kHz or 48 kHz. Bit rate should be either 16 or 24 bit. To avoid audible clipping noise, please make sure that audio levels do not exceed 0 dBFS.

ANS: A 45 seconds audio core tip in mp3 file formats has been provided as requested.
Thank you.

Comment #17: Please put the reference numbers in square brackets in **superscript**.
Please check across the text.

ANS: The reference number has been provided in square bracket and checked across the entire manuscript. Thank you.

Comment #18: Please write the comments.

Writing requirements for each subsection

(1) Background

To summarize concisely and accurately the relevant background information so that readers may gain some basic knowledge about your study's relevance and understand its significance for the field as a whole.

(2) Research frontiers

To introduce briefly the current hotspots or important areas in the research field as related to your study.

(3) Innovations and breakthroughs

To summarize and emphasize the differences, particularly the advances, achievements, innovations and breakthroughs, as compared to other related or similar studies in the literature, which will allow the readers to assimilate the major points of your article.

(4) Applications

To summarize the practical applications of your research findings, so that readers may understand the perspectives by which this study will affect the field and future research.

(5) Terminology

To describe concisely and accurately any terms that may not be familiar to the majority of the readers, but which are essential for understanding your article

ANS: A brief statement on background, research frontiers, innovations and breakthrough, applications and terminology has been provided as requested. Thank you.

Comment #19: Please add PubMed citation numbers and DOI citation to the reference list and list all authors. Please provide PubMed citation numbers for the reference list, e.g. PMID and DOI, which can be found at <http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed> and <http://www.crossref.org/SimpleTextQuery/>, respectively. The numbers will be used in the E-version of this journal. Thanks very much for your co-operation.

Such as: 1 **Nayak S**, Rath S, Kar BR. Mucous membrane graft for cicatricial ectropion in lamellar ichthyosis: an approach revisited. *Ophthal Plast Reconstr Surg* 2011: e155-e156 [PMID: 21346670 DOI: 10.1097/IOP.0b013e3182082f4e]

ANS: The PubMed numbers and DOI citation have been provided as well as the list of all authors.

We sincerely appreciate all the time that you have spent on our manuscript. Thank you for your outstanding comments. They have really helped to improve our manuscript. We are indeed grateful.



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