Author's response to reviews

Title: Antihypertensive potential of the aqueous extract which combine leaf of Persea americana Mill. (Lauraceae), stems and leaf of Cymbopogon citratus (D.C) Stapf. (Poaceae), fruits of Citrus medical L. (Rutaceae) as well as honey in ethanol and sucrose experimental of model

Authors:

Paul Désiré D Dzeufiet (dzeufiet@yahoo.fr)
Amelie Moguéo (amelie.mogue@yahoo.fr)
Danielle Claude Bilanda (bilandad@yahoo.com)
Bibi-Farouk O Aboubakar (bibifarouck@yahoo.fr)
Léonard Tedong (ltedong@yahoo.fr)
Théophile Dimo (dimo59@yahoo.com)
Pierre Kamtchouing (pikam55@yahoo.fr)
Linda Thuendem (foaka1999@yahoo.fr)

Version: 3
Date: 18 August 2014

Author's response to reviews:

Dear Editor,

Please find enclosed manuscripts of a research article entitled "Antihypertensive potential of the aqueous extract which combine leaf of Persea americana Mill. (Lauraceae), stems and leaf of Cymbopogon citratus (D.C) Stapf. (Poaceae), fruits of Citrus medical L. (Rutaceae) as well as honey in ethanol and sucrose experimental of model" which we submit for review and publication in your journal.

We have made the following changes:

- Include title page with authors informations;
- Edited the methodology as requested;
- Inserted legends;
- Edited figures and tables.

All authors read and approved the final manuscript.

Best regards

Reviewer 1

We are grateful to the reviewer for his comments, corrections and suggestions. The corrections are highlighted in the manuscript.

- (2) Concerning the number of animals (48 rats), we inserted in the corresponding section.
- (2) The methodology of blood pressure measurement is also inserted.
- (5) Concerning the effect of different doses in blood pressure, lipid profile..., all activities observed in those parameters are dose dependent. Suggestions of mechanism of action are also in the discussion section.
- (6) Concerning the limitations, we added in the manuscript the fact that more study need to be carried out in order to determine the exact mechanism of action of our extract.
- (8) The conclusion of the abstract has been edited according to the reviewer recommendation.

Reviewer 2
We are grateful to the reviewer for his comments, corrections and suggestions. The corrections are highlighted in the manuscript.
- (1) The manuscript has been check for spelling, space abbreviation and grammar.
- (2) Histological finding was modified as requested in the abstract
- (3) In the background section, we pointed out the fact that traditional drugs are most often mixture of many plant extracts and sometime compounds like honey and palm oil are used (Adjanohoun at al., 1996).
- (4) Nifedipine was used because it is among the most commonly used antihypertensive drug and it is a calcium channel blocker.
- Animals were anesthetized during blood pressure measurement. The methodology has been edited as requested.
- (5) The histological section has been modified and the morphometric analysis of the aorta inserted in order to make the data more clear. However, terms like vascular congestion are appropriate and cannot be expressed differently in light microscopy. The exact size of sinusoids cannot be given with apparatus in our disposal.
- The consistency of the legends has been checked as well as order of group presentation in tables.
- (6) References requested have been added.
- (7) The format of the references