Author’s response to reviews

Title: Pro-apoptotic and anti-adhesive effects of four African plant extracts on the breast cancer cell line MCF-7

Authors:

Nadja Engel (nadja.engel-lutz@uni-rostock.de)
Abiodun Falodun (afalodun@olemiss.edu)
Udo Kragl (udo.kragl@uni-rostock.de)
Peter Langer (peter.langer@uni-rostock.de)
Juliane Kühn (juliane.kuehn@uni-rostock.de)
J. Barbara Nebe (barbara.nebe@med.uni-rostock.de)

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Author’s response to reviews: see over
Dear Editors,

Hereby I'm sending the revised version of my manuscript (ID 107188664115274) which describes a systematic anti-cancer screening of four Nigerian plants extracts on the established breast cancer cell line MCF-7.

All comments and suggestions of the reviewers were taken into consideration. The entire manuscript has been revised: deleted text is strikethrough and additionally inserted text is marked in red.

To substantiate the results of the first version of this manuscript, additional experiments were performed: Determination of cell detachment by flow cytometry, confirmation of apoptosis by annexin V/PI staining and TUNEL assay, and analysis of ß1 integrin and PCNA expression via Western blot. All newly obtained results confirm the results of the first manuscript, and therefore reinforce the message of this study that these four plant extracts exhibit anti-cancer potential.

The present results will form the basis for selection of plant species for further investigation in the potential discovery of new natural bioactive compounds. Studies aimed at the isolation and structure elucidation of anticancer chemical constituents are in progress.

On behalf of all authors I would like to thank you in advance for your time and consideration.

Sincerely,

Nadja Engel-Lutz