

-----Original Message-----

From: XXX YYY<xxx@yyy.zzz>

Sent: Thu, Sep 11, 2014 at 12:23 AM

To: Managing Editor

Subject: Re: Request for evaluation of revised paper, reference number: 2014_JAMPS_12953

I have revised the manuscript. I am enclosing my commentaries in the attached document.

Attached Part:

The manuscript was revised but it still has many misspellings, unclear sentences, and mistakes. In addition, various commentaries were not well addressed.

- Misspellings and unclear sentences:

Abstract

"72 cancer patients who administered chemotherapy with regiment which contains cyclophosphamide..." it should be replaced by "72 cancer patients receiving four or more cycles of cyclophosphamide"

"The results of the study showed that O⁶-methylguanine is not always found in patients suffering from cancer treated with cyclophosphamide". The sentence should be: The results of this study showed that O⁶-methylguanine is not always found in cancer patients treated with cyclophosphamide

"...the therapeutic dose given can be monitored and..." It should be: the dose administered should be monitored and...

- Commentaries 8 and 9 were not well addressed.
- Ref. 13 has mistakes. The year is 1999 and the authors are two, thus, et al should not be included.
- This reviewer still considers that the method should be tested.
 - ✓ Is O⁶-methylguanine stable in formic acid (90 % v/v) at 80°C for 1 hour?
 - ✓ Is there the possibility that a quantity of the analyte is lost by the effect of the

acid (the authors used 90 % v/v formic acid) and temperature? According to the authors: "The DNA solution (200 µL) was mixed with HPLC grade water and formic acid (90%) in equal volume. The solution was mixed and heated at 80 °C for 60 minutes using a Thermomixer (Eppendorf) [19]. The resulting hydrolyte was injected into the UPLC-MS/MS."

E S Sadr developed in 2012 a method to quantify and detect N7- and O6-methylguanine adducts by liquid chromatography and mass spectrometry (The thesis is free and can be accessed at http://digitool.library.mcgill.ca/webclient/StreamGate?folder_id=0&dvs=1410369629678~690) and says: "Between 2 and 3 µg of DNA were used for each sample to detect N7-MeG and O6-MeG levels. Samples were heated at 85 °C in 10% (v/v) formic acid for one hour."

✓ How many replicates did the authors perform?

Overall, this referee considers that the manuscript should be improved.

Reviewer Details:

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