Reviewer's report

Title: Isolation and Biological Activity of Triglycerides of the Fermented Mushroom of Coprinus comatus

Version: 2 Date: 17 January 2012

Reviewer: Roberto Cuman

Reviewer's report:

The manuscript should be revised again. English revision is also required. Minor revision is required:

1) There is not description in the manuscript that agaricoglycides are triglycerides. Are the authors sure that only agaricoglycides were extracted?
2) In the experiments, Was it used male, female or both gender of rats?
3) The text should be revised: a) pag 4.: "Forty health adult wistar rats...divided INTO (in ???) four groups. b) page 5, .... DICLOFANAC ... the correct is diclofenac. c) page 5, it should be used: sodium saline SOLUTION . d) TAOS was determined by "....the way introduced...", I think that the correct phrase is: ... as previously described by Laight ...; e) the Methodology to study the acute toxicity of TFC should be the first item of Material and methods...; f) page 7: In results and discussion: ... no beneficial effect at lower dose in mice "subject" to... (revise term); h) It should be included in discussion that diclofenac as used as central analgesic drug for inflammatory pain. i) Why wasthe i.p route used only ? j) Conclusion: should be revised.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.