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Sat, Dec 16, 2017 at 10:00 AM ☆

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Subject: Copyediting Review Request

Bogor, December 16, 2017

Dear E.H.B. Sondakh, M.R. Waani, & J.A.D. Kalele:

Your submission "Changes in in vitro Methane Production and Fatty Acid Profiles in Response to Cakalang Fish Oil Supplementation" for Media Peternakan has been discussed in Editorial meeting. There are some comments and suggestions that should be confirmed by Authors. Please do the revision on the attached file and give highlight to the correction. Please give a response and return back the document within 3 days.

Your prompt cooperation would be greatly appreciated.

Yours sincerely,

Prof. Dr. Ir. Komang G. Wiryawan
Chief Editor
Media Peternakan

MP-1722_Revised by Author

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2 **Changes in *in vitro* Methane Production and Fatty Acid Profiles in
Response to Cakalang Fish Oil Supplementation**

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7 **ABSTRACT**

8 This experiment was conducted to determine the effect of cakalang fish oil
9 addition in ruminant feed on *in vitro* methane production and fatty acid profiles. This
10 experiment consisted of four treatments which were R0 : feed composing of forage and
11 concentrate at a ratio of 60 : 40 % without cakalang fish oil (CFO) addition as control
12 feed, R1 : R0 added with CFO at 2.5 %, R2 : R0 added with CFO at 5 %, and R3 : R0
13 added with CFO at 7.5 %. Fermentation with rumen fluid was done using the
14 Hobbes Gas Test (HGT); feeds were incubated at 39 °C for 72 hours. At the end of
15 fermentation, samples were obtained and methane production and fatty acid profiles
16 were determined. The experiment was conducted in completely randomised design with
17 four replications. Data were analysed using analysis of variance and differences among
18 treatment means were determined using Duncan's multiple range test. Results show that
19 CFO supplementation affected methane production and fatty acid profiles significantly