Review of: "Valorization of palm oil wastes into oyster mushrooms (Pleurotus HK-37) and biogas production"

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Potential competing interests: No potential competing interests to declare.

Dear Editor (Gabri),

The manuscript is well written and discussed very nicely. Few of my suggestions to improve the quality of the manuscript before acceptance.

1. In title, the genus *Pleurotus* should be in Italic.
2. All Tables need to aligned properly and table numbers are mismatching. Kindly reorder it
3. Figure 1 need the insertion of x and y axis's, all charts need to present with error bars.
4. The following paragraph need the insertion of recent references. I advise the author to cite old references if it's necessary along with recent ones.

Mehta et al. (1990) observed a similar tendency in improved biogas productivity with spent wheat straw, where there was eight times more biogas production from wheat straw treated by cultivation of *Pleurotus florida* mushrooms compared to untreated straw. The spent straw had less cellulose than the original material and an apparent increase in nitrogen content after supporting fungal growth, and this could be the reason for increased biogas production. The tendency of biogas yield to increase with fungal pretreatment of biomass has been reported by other investigators. Bisaria et al. (1983) obtained an increase in biogas yield of 54% from rice straw pre-treated with *Pleurotus sajor-caju,* and Müller and Trösch (1986) observed a doubling in gas yield from wheat straw SMS compared to untreated wheat straw. Utilizing palm oil waste blends similar to the ones in this study, Mmanywa and Mshandete (2017) investigated biogas yield potential increase from palm oil processing wastes SMS pretreated with *C. cinereus* of up to 44.11% (1.4 times), with the highest methane yields per kg VS observed from an EFB-based and PMF and EFB-based SMS compared to untreated waste fractions.

1. I appreciate and congratulates the author and their team's attempt for the successful cultivation of oyster mushrooms (*Pleurotus* HK-37) using palm oil wastes.