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Re: Full Paper 2018

Sent: Wednesday, April 18, 2018 5:42 PM
To: Monica Marin
Subject: Re: Full Paper 2018

Dear Prof. Monica MARIN, PhD

Thank you for your response and correction. Then I will revised it today.

Best regards,
Laurentius

-INDONESIA-

From: Monica Marin <marin_monica_zoo@yahoo.com>
Sent: Wednesday, April 18, 2018 4:18:50 PM
To: Rumokoy Laurentius
Subject: Re: Full Paper 2018

Dear Prof. Laurentius Rumokoy,

I can change the paper. You have 4 pages with references.

In the Abstract you must present some aspects about the research material and method, what results you have obtained and conclusions. The chapter Results and discussions must begin with some text, not directly with a table. The Table 1 must be quoted in the text.

I attend the paper soon.

Best regards,
Monica

Assoc. Prof. PhD. Monica MARIN
Faculty of Animal Science
University of Agronomic Sciences and Veterinary Medicine of Bucharest
59 Marasti Blvd., Sector 1, 011464, Romania
Tel.: +40 720657597
E-mail: marin_monica_zoo@yahoo.com

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AN EXPECTATION OF BIORESOURCE FUNCTION AGAINST PARASITE INFECTION ON ANIMAL HEALTH

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Abstract

The studies of the utilization of bio-resources substance has an increasing to be applied in preventing parasitic infections in livestock related both to endo-parasite and ecto-parasite. The use of bio-resources could be extracted from a substance originated plants and animals. The immunoglobulins in colostrum are well known as important bio-resources for young neonate individual to protect against parasites even to the pathogenic microbes. In other part plants have a lot of bio-actives compound that are useful to conserve the animal health. This article is to present our study by using colostrum immunoglobulins and curcuma on endo-parasite infection treated in young experimental animals. The study was conducted by using seven-teen mice with four treatments (T). T1 signified an infection with parasite only, T2 represented a treatment of curcuma in animal infected with parasite, T3 was the treatment of colostrum immunoglobulin in animal infected with the parasite larva, and T4 showed a treatment of curcuma mixed with colostrum immunoglobulin in infected mice. The distribution of the colostrum Ig and curcuma substances was realized through a drinking water, given ad libitum. The data collection of larva in gut was realized at 7th days post infection while the EPG data collection was taken at 3th to 7th days post infection. The results revealed that there has a significant response between the treatment (P<0.01) which a combination between colostrum immunoglobulin (T4) caused a highest number of larva observed, while There has a non-significant difference of EPG number (P=0.05) between all treatment (T1, T2, T3 and T4). We concluded that curcuma and colostrum immunoglobulin were useful to suppress the parasite of *Strongyloides venezuelensis* in the gut rather than to suppress the number of EPG in the fecal matter of experiment mice.

Keywords: Parasites, Livestock, Curcuma, Colostrums

INTRODUCTION

Animal and human health can be affected seriously by parasite infection. Parasites that found in the skin are categorized as ecto-parasites while the parasites that take place in digestive tract were called endo-parasites. Some arthropods are well known their infestation in *mansoni* infection in mice. Sanatombi and Sanatombi (2017) discussed about curcuma as nutritionally rich food products, which interest in medicinal properties and its bioactive compounds possessing wide bioactivities such as antioxidant, antiviral, antimicrobial, and anti-inflammation activities. Those authors mentioned sixteen edible curcuma included

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Re: Full Paper 2018

-INDONESIA-

From: Rumokoy Laurentius <rumokoy@msn.com>
Sent: Wednesday, April 18, 2018 2:37:37 AM
To: Monica Marin
Subject: Re: Full Paper 2018

Dear Prof. Monica MARIN, PhD

Thank you for your response on our paper. Herewith I enclosed the revised version of our paper.
Please inform me about this paper if it could be considered to present in the conference of Agriculture for Life 2018.

Best regards,
Laurentius Rumokoy

From: Monica Marin <marin_monica_zoo@yahoo.com>
Sent: Tuesday, April 17, 2018 5:07 AM
To: Rumokoy Laurentius
Subject: Re: Full Paper 2018

Dear prof. Rumokoy laurentius,

The minimum pages number of the paper is 4 pages. So, please add a page, because the paper has only 3 pages.

Best regards,
Monica Marin

Assoc. Prof. PhD. Monica MARIN
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Pe luni, 16 aprilie 2018, 21:56:57 EEST, Monica Marin <marin_monica_zoo@yahoo.com> a scris:

Dear prof. Rumokoy Laurentius,

Thank you for your paper and now we will send the paper for peer-reviewing.

Best regards,
Monica Marin

Assoc. Prof. PhD. Monica MARIN
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