

OnLine Journal of Biological Sciences - Manuscript Number # 742-OJBS



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Nov 6, 2020, 12:24 PM ☆ ↶ ⋮

Dear Dr. Siti Aslamyiah,

Your manuscript entitled "MICROFLORA CONTRIBUTION TO CELLULASE AND DIGESTION ENZYME IN MUD CRAB DIGESTIVE TRACT " has been successfully submitted **online** and is presently being given full consideration for publication in **OnLine Journal of Biological Sciences**.

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Request for Final Approval for Article # 742-OJBS Inbox x



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Thu, Mar 11, 2021, 11:53 AM ☆ ↶ ⋮

Dear Dr. Siti Aslamyiah,

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We request you to check the attached file to make sure that there aren't any grammatical, graphical or scientific errors.

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If there are any mistakes in your file, notify us immediately to avoid delays in publication.

We look forward to hearing from you soon.

Best Regards,

Bethany Ware
Editorial Office
Science Publications



Siti Aslamyiah <siti.aslamyiah@unhas.ac.id>

Mar 12, 2021, 11:27 AM ☆ ↶ ⋮

to Science ▾

Dear Bethany,

Herewith I attached the final revision of my manuscript (I was adding references as your request, in the highlight), final approval form, and author contribution. Could you please inform me when you have received those files. I look forward to hearing your response regarding this matter.

Best regards,

Dr. Siti Aslamyiah

3 Attachments



Science Publications <support@scipub.org>

Fri, Mar 26, 2021, 3:27 AM ☆ ↶ ⋮

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Article Information

Article Information		Dr. Siti Aslamyiah	
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Submitted On:	Nov 6, 2020		
Title		Resources	
MICROFLORA CONTRIBUTION TO CELLULASE AND DIGESTION ENZYME IN MUD CRAB DIGESTIVE TRACT		Home Page	
Abstract		Submit a Manuscript	
This study aim to examine the microfloral contribution in the mud crabs digestive tract. Scylla sp. were maintained in the crab box individually and placed in a pond. Two groups of crabs were fed without antibiotics and containing antibiotics at a dose of 100 IU mL ⁻¹ penicillin G and 100 IU mL ⁻¹ streptomycin, respectively. Each treatment had two replications. Crabs were kept for eight days and fed 5% of body weight per day in the afternoon. The results showed that the cellulitic, amylolytic, proteolytic, and lipolytic microbial population in the digestive tract of mud crabs which received feed added with antibiotics decreased significantly, compared to those feed without antibiotics. Furthermore, the α -amylase, protease, and lipase enzymes activity also decreased. The declining in the cellulitic, amylolytic, proteolytic, and lipolytic microbe population were, respectively 100; 99.9995%; 99.9977%; and 99.9994%. The decreasing in the activity of cellulase, α -amylase, protease, and lipase enzymes were 89.55; 41.90; 26.50; and 37.26%, respectively. The decreasing percentage of cellulase, α -amylase, protease, and lipase enzymes indicated that there was a		Author Guidelines	
		Editor Guidelines	

Novelty Statement
This study focus on microfloral contribution at digestive tract of mud crab. There are several previous study regarding microfloral in fish digestive tract, however there are a few study regarding this topic in mud crab.
Subject Area
Cell Biology Carbohydrate Biochemistry Microbiology Physiology, Comparative

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My Uploaded Files		
File Name	File Type	Date
Final Approval Form_742.pdf	Revised File	Mar 13, 2021
742_OJBS_Final Revision.doc	Revised File	Mar 13, 2021
Authors Contribution Form_OJBS_742.pdf	Revised File	Mar 13, 2021
742-OJBS_Revision Final (21022021).docx	Revised File	Feb 22, 2021
Author comment and respond for manuscript.docx	Revised File	Feb 22, 2021
742-OJBS Comments file.docx	Revised File	Dec 14, 2020
742-OJBS Comments file.docx	Revised File	Dec 8, 2020
CoverLetter_OJBS.pdf	Supplementary Material	Nov 10, 2020
Authors Contribution Form_OJBS.pdf	Supplementary Material	Nov 9, 2020
Cover Letter_OnLine Journal of Biological Science.pdf	Supplementary Material	Nov 9, 2020
Manuscript Microflora_OJBS.docx	Main Document	Nov 6, 2020
Cover Letter_OnLine Journal of Biological Science.pdf	Cover Letter	Nov 6, 2020