

Accepted Manuscript

Effects of dietary administration of inosine on growth, immune response, oxidative stress and gut morphology of juvenile amberjack, *Seriola dumerili*

Md. Sakhawat Hossain, Shunsuke Koshio, Manabu Ishikawa, Saichiro Yokoyama, Nadia Mahjabin Sony, Md. Abdul Kader, Mayumi Maekawa, Takeshi Fujieda



PII: S0044-8486(16)30968-1
DOI: doi: [10.1016/j.aquaculture.2016.11.020](https://doi.org/10.1016/j.aquaculture.2016.11.020)
Reference: AQUA 632417

To appear in: *Aquaculture*

Received date: 22 August 2016
Revised date: 11 November 2016
Accepted date: 12 November 2016

Please cite this article as: Hossain, Md. Sakhawat, Koshio, Shunsuke, Ishikawa, Manabu, Yokoyama, Saichiro, Sony, Nadia Mahjabin, Kader, Md. Abdul, Maekawa, Mayumi, Fujieda, Takeshi, Effects of dietary administration of inosine on growth, immune response, oxidative stress and gut morphology of juvenile amberjack, *Seriola dumerili*, *Aquaculture* (2016), doi: [10.1016/j.aquaculture.2016.11.020](https://doi.org/10.1016/j.aquaculture.2016.11.020)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Effects of dietary administration of inosine on growth, immune response, oxidative stress and gut morphology of juvenile amberjack, *Seriola dumerili*

Md. Sakhawat Hossain ^{a, b, c*}, Shunsuke Koshio ^{a, b}, Manabu Ishikawa ^{a, b}, Saichiro Yokoyama ^a, Nadia Mahjabin Sony ^a, Md. Abdul Kader ^{a, d}, Mayumi Maekawa ^e, Takeshi Fujieda ^e

^a*Laboratory of Aquatic Animal Nutrition, Faculty of Fisheries, Kagoshima University, Shimoarata 4-50-20, Kagoshima 890-0056, Japan*

^b*The United Graduate School of Agricultural Sciences, Kagoshima University, Korimoto 1-21-24, Kagoshima 890-0065, Japan*

^c*Department of Aquaculture, Faculty of Fisheries, Sylhet Agricultural University, Sylhet-3100, Bangladesh*

^d*School of Fisheries and Aquaculture Sciences, Universiti Malaysia Terengganu, Kuala Terengganu 21030, Malaysia.*

^e*Research Institute for Bioscience Products & Fine Chemicals, Ajinomoto Co., Inc., Kawasaki, Kanagawa, 210-8681, Japan*

***Corresponding Author**

Md. Sakhawat Hossain

Laboratory of Aquatic Animal Nutrition

Faculty of Fisheries, Kagoshima University

Shimoarata 4-50-20; Kagoshima City; Kagoshima 890-0056, Japan

Phone: +81 99 286 4182; Fax: +81 99 286 4184

Email: fishsakhawat@yahoo.com

Download English Version:

<https://daneshyari.com/en/article/5539476>

Download Persian Version:

<https://daneshyari.com/article/5539476>

[Daneshyari.com](https://daneshyari.com)