

MICRObiology

I N D O N E S I A

- | | | |
|--|---|----|
| Influence of Temperature Variations on Growth of <i>Nostoc</i> (Cyanobacteria) HS-5 and HS-20 Isolated from Indonesian Hot Springs | Nining Betawati Prihantini, Cahya Guslyani, Ratna Yuniati, and Wellyzar Sjamsuridzal | 35 |
| Purification and Characterization of Glucose Oxidase of <i>Aspergillus niger</i> IPBCC.08.610 | Aninda Indriani, Laksmi Ambarsari, and Dewi Seswita Zilda | 43 |
| The Addition of Dextrose to the Preparation of Culture Media from Earthworm Juice (<i>Lumbricus rubellus</i>) for the Production of <i>Saccharomyces cerevisiae</i> FNCC 3012 Inoculum | Nur Hidayat, Reny Nurul Utami, and Wignyanto | 49 |
| Cloning and Expression of NS2B/NS3 Protein of DENV3 Indonesia Strain in <i>Saccharomyces cerevisiae</i> Expression System for the Development of Dengue Vaccine | Asri Sulfianti, Sabar Pambudi, Isma Nur Azizah, Doddy Irawan Setyo Utomo, and Abinawanto | 57 |
| <i>Lactobacillus fermentum</i> LLB3 Improves Antioxidant Activity of Bitter Melon (<i>Momordica charantia</i>) | Laksmi Hartajanie, Lindayani, Angela Novita, Emilia Triviana Sutanto, and Agata Apriliana Sundoro | 65 |



MICRObiology

I N D O N E S I A

Accredited at level "A" until Februari 2019
No.040/P/2014

Patron

Siswa Setyahadi, 2020

Chief Editor

Iman Rusmana, 2020

Editorial Board Members

Antonius Suwanto, 2020
Brett Neilan, 2020
Debbie S Retnoningrum, 2020
Dessy Natalia, 2020

Diana E Waturangi, 2020
Endang Purwantini, 2020
Kartini Kramadibrata, 2020
Neung Tiaamroeng, 2020

Norio Kurosawa, 2020
Wellyzar Sjamsuridzal, 2020
Yaya Rukayadi, 2020
Yuan Kun Lee, 2020

Managing Editor

Is Helianti, 2020

Astutiati Nurhasanah, 2020

Electronic Editor

Iman Rusmana, 2020

Is Helianti, 2020

Business Manager

Diana Nurani, 2020

Netty Widyastuti Sigit, 2020

Editorial Office

Indonesian Society for Microbiology (Sekretariat PERMI)
Room 124/TMC 2 DRN, Puspiptek-Serpong, Tangerang Selatan 15314, Indonesia
Phone: +62-21-7560536 ext 7119
Fax: +62-21-7560694
E-mail: microbiology.indonesia@gmail.com
URL: <http://jurnal.permi.or.id/index.php/mionline>

Publisher

Indonesian Society for Microbiology. Published in March, June, September, and December

Subscription Prices for One Year, not including shipping and handling

	Indonesian	Overseas
Individual rate	(IDR) 150 000,-	200 000,-
Institutional rate (institution or library)	(IDR) 240 000,-	400 000,-

Bank

Bank Mandiri Cabang Menara Thamrin, Jakarta, Acc PERMI; Acc No 103-0002080774

Printed by: CV. Istiqom Print

GENERAL EXECUTIVE BOARD OF INDONESIAN SOCIETY FOR MICROBIOLOGY 2015-2019

Advisory Board: Prof. Dr. Pratiwi Sudarmono, PhD, Sp.MK; Dr. Mohammad Dimiyati; Prof. Dr. Endang Sukara; Prof. dr. Amin Soebandrio, PhD, Sp.MK; Prof. Dr. Ir. Betty Sri Laksmi Jenie, MS; Prof. Dr. Ir. Antonius Suwanto, MSc; Prof. Dr-Eng. Eniya Listiani Dewi, B. Eng, M.Eng; **President:** Dr. Siswa Setyahadi; **Vice President:** Prof. Fedik A Rantam, PhD; **General Secretary:** Diana Nurani, M.Si; **Vice General Secretary:** Drs. Nuki B Nugroho, M.Si; **Treasurer:** Dr. Niknik Nurhayati; Dr. Sylva Abraham; **Scientific and Publication Committee:** Dr. Debbie S. Retnoningrum; Dr. Is Helianti; Dr. Iman Rusmana; Prof. Dr. Marlina, Apt; Prof. Dra. Netty Widyastuti, M.Si; Dr. Ir. Nur Hidayat, MP; Drh. Mahdi Abrar; Dr. Supriyadi; Dr. Astutiati Nurhasanah; Tarwadi, MSc.; **Certification Committee:** Dr. Ir. Trismilah, M.Si; Dr. Erwahyuni Endah Prabandari; Ir. Dwi Kusuma Indriani, MP.; Dra. Dini Ryandini, M.Si; Dr. Ir. Maman Turjaman, DEA; Dr. Ernawati Giri Rahma; Dra. Harmastini Sukiman, M.Agr; dr. Purwati SpPD, Ph.D; Dr. Wahyu Purbowasito; **Organization Advancement and Networking:** Dr. Puspita Lisdiyanti; Prof. Dr. Ir. Endang S. Rahayu, MS; Sri Harjati Suhardi, PhD; Lia Yulia Budiarti, MKes; Dr. Chaidir; Dr. Retno Indrawati, drg., M.Si; Alit Pangestu, STP; **Promotion and Advocacy Committee:** Dra. MG. Isworo Rukmi, M.Kes; Jimmy Hariantono, PhD; Yawarsa; Gianina; Asri Sulfianti, MSi