

ECOLOGY, ENVIRONMENT AND CONSERVATION
VOL. 27 (Special Issue of the 5 IBOC on Sustainability of
Natural Resources, December, 2021)

CONTENTS

- S1–S5 Anticancer Activity of Trisindolina 1 by Inducing Apoptotic Pathway Through Phosphorylated p53 Protein Expression
—Awik, P.D. Nurhayati, Andina W. Hasanah Mardi Santoso
- S6–S12 *In vitro* Test of Deazaelliptisina 1 Compound on Phagocytotic activity of Macrophage Cell
—Awik Puji Dyah Nurhayati, Mardi Santoso, Edwin Setiawan, Ayuri Cintyasari and Syamsudin Abdillah, Fitri Lianingsih, Adik Mayang Indiani and Shabrina Syifa Ghaisani
- S13–S20 Cytotoxicity Test of Two Deazaellipticine Compounds against Liver Cancer Cells (HepG2 Cell Line)
—Awik Puji Dyah Nurhayati, Mardi Santoso, Edwin Setiawan, Syawlia, Rizki M, Fitri Lianingsih, Adik Mayang Indiani and Shabrina Syifa Ghaisani
- S21–S24 Comparison of Calcium Carbonate Precipitation (CCP) and Yeast Urea (YU) Culture Media on Hydrcarbonoclastic Bacteria Endospores Formation
—Carlanetta Kusuma Duhita and Enny Zulaika
- S25–S30 In Silico Study of Natural Pyridoacridine Against CDK-2 and CDK-6 Cancer
—Awik Puji Dyah Nurhayati, Fitri Lianingsih, Adik Mayang Indiani and Shabrina Syifa Ghaisani
- S31–S36 Response of *Nicotiana tabacum* Plant Under Waterlogging Stress During Vegetative Stage
—Hery Purnobasuki, Tutik Nurhidayati, Sucipto Hariyanto and Nur Khunainah Wahyuni
- S37–S42 Effect of Photoperiod and Stress Physiological Nutrients (N and Si) on the Growth and Lipid Content Microalgae *Skeletonema Costatum*
—Tutik Nurhidayati, Siti Nur A., Hery Purnobasuki, Endang Purwanti S and Wirdatul Muslihatin
- S43–S48 The Growth of Mother Cultures and Characteristic of Phytochemical of Pink Oyster (*Pleurotus flabellatus*) on Different Media
—Anggita Rahmi Hafsari, Vina Aulia Kurnia, Yani Suryani and Mahmud
- S49–S58 Comparative Genomics Analysis of the Pathogenesis-related (PR) Genes on Two Banana Genomes (A and B Genomes) in Response to Banana Blood Disease Infection
—Kenzie Sachisiva Anindita, Popi Septiani and Fenny Martha Dwivany
- S59–S62 Profiles of Beef Cattle Farmers with Different Maintenance Systems in Bima, West Nusa Tenggara.
—Muh Andika Prasetya, I Gede Suparta Budisatria, Tri Satya Mastuti Widi, Sigit Bintara and Endang Baliarti
- S63–S69 Character visualization of millipede (*Cylindroiulus* sp.) from Household Organic Waste Composter in Surabaya
—Moch. Affandi, Ni'matuzahroh, Fatimah, Nastiti Trikurniadewi, Ana Mariatul Khiftiyah, Silvia Kurnia Sari and Achmad Zainal Abidin
- S70–S75 Insect Succession on Wrapped Rabbit Carcasses as a Model in Forensic Entomology
—Tjandra Anggraeni and Putri Amara
- S76–S83 Deterioration of the Quality Whiteleg Shrimp (*Litopenaeus vannamei*) Stored at Chilling Temperatures Harvested from Traditional Ponds and Intensive Ponds
—Yuliati H. Sipahutar, Paulus P.R. Sitorus, M.G.E. Kristiany, D.H.G. Prabowo and M.R. Suryanto

- S84–S89 **Characterization of Pathogenesis-Related Transcriptional Activator Genes (Pti5 and Pti6) from *Musa acuminata* (A Genome) and *Musa balbisiana* (B Genome) Using In Silico Approach**
—*Indah Nurharuni, Fenny M. Dwivany and Karlia Meitha*
- S90–S93 **Dry Season Bryophytes in Cangar Hotspring-Batu, East Java, Indonesia**
—*Iska Desmawati, Angga Gian, Rizki Widyarningsih, Zulfan Febriawan, Saniah Kusnatur, Ory Kurnia, Alwi Muhammad, Dimas Wildan and Edo Danilyan*