

CONTENTS

Original Articles

- 1 - 6 The Evaluation of Secondary Metabolites in *accharum officinarum* L. and *Mimosa invisa* Mart. as Natural Herbicides
Dyah Roeswitawati, Zahid Hussain, Asad Jan, Ivar Zekker, Maizirwan Mel, Roy Hendroko Setyobudi, Muhidin Muhidin, and Davit Hudin
- 7 - 14 Characterization of Actinomycetes Strains Isolated from Cheliff Estuary in the North-West of Algeria
Meriem F. Meliani, Françoise Denis, Mustapha Mohamed-Benkada, Noujoud Gabed, Aurore Caruso, Nolwenn Callac, Sidi-Mohammed E.A. Abi-Ayad
- 15 - 20 Biological Activities and Metabolite Profiling of *Polycarpa aurata* (Tunicate, Ascidian) from Barrang Caddi, Spermonde Archipelago, Indonesia
Mada Triandala Sibero, Agus Trianto, Evan Hansel Frederick, Aldi Pratama Wijaya, Arif Nur Muhammad Ansori, Yasuhiro Igarashi
- 21 - 28 Analysis of Phytochemical Constituents by Using LC-MS, Antifungal and Allelopathic Activities of Leaves Extracts of *Aloe vera*
Samira Bendjedid, Ismahene Bazine, Aicha Tadjine, Radia Djelloul, Abbes Boukhari and Chawki Bensouici
- 29 - 36 *Anisakis* Infection of Belanger's Croaker (*Johnius Belangerii* Cuvier 1830) at The Indian Ocean Coast of Yogyakarta, Indonesia
Nisa Qurota A'yun, Rizka Fauziana Syarifah, Murwantoko, and Eko Setyobudi
- 37 - 42 A Comparative Study of Onion Purple Blotch (caused by *Alternaria porri*) and Tomato Early Blight (caused by *A. solani*) Diseases in Southern Ghors of Jordan
Al-Rawashdeh, Ziad B., Muwaffaq R. Karajeh, Ezz Al-Dein M. Al-Ramamneh and Mustafa S. Al-Rawashdeh
- 43 - 57 Suppression of *Aspergillus* and *Penicillium* Species by Organic Extracts of Common Soft Corals and Sponge Species Habited in Hurgada, Red Sea, Egypt
Hassan A.H. Ibrahim, EL-Sayed M. El-Morsy, Mohamed S. Amer, Aml Z. Farhat, Marwa T. Mohesien
- 59 - 66 The Inhibitory Effect of Different Ephedra Plant Extracts on the *Aspergillus flavus* Growth and Aflatoxin B1 gene Expression
Mohamed M. Deabes, Wagdy K.B Khalil, Abd-El-Aal S.Kh. Shafik D. Ibrahim and Khayria M. Naguib
- 67 - 73 Bioactivity of Four Nigerian Wild Mushrooms Against Some Typed Clinical Isolates
Mobolaji A. Titilawo, Abidemi O. Faseun, Sunday B. Akinde, Janet O. Olaitan and Olu Odeyemi
- 75 - 81 Serum Levels of Interleukin 10, Interleukin 17A, and Calcitriol in Different Groups of Colorectal Cancer Patients
Ghassan M. Sulaiman, Raghad F. Al-ansari, Abdunasser M. AL-Gebori, Khalil A. A. Khalil, Salim Albukhaty, Elsadig M. Ahmed, Mohamed T. A. Soliman
- 83 - 91 Medicinal Poisonous Plants of the Tomsk Region (Siberia)
A.N. Nekratova, N.S. Zinner
- 93 - 100 Histopathological Analysis of Striped Catfish, *Pangasianodon hypophthalmus* (Sauvage, 1878) Spontaneously Infected with *Aeromonas hydrophila*
Md. Abdullah-Al Mamun, Shamima Nasren, Sanjay Singh Rathore and M. M. Mahbub Alam
- 101 - 106 Physiological Response and Detection of *Inh2* Gene in Dieng Red Potato (*Solanum tuberosum* L.) Affected by Frost
Wa Ode Kamillah, Hermin Pancasakti Kusumaningrum, Rejeki Siti Ferniah, Azalia Puspa Herida, Garinda Linggar Nasansia

- 107 - 113 Antibacterial Activity of The Fungal Metabolite *Trichoderma longibrachiatum* against Multidrug-Resistant *Klebsiella Pneumoniae* and Methicillin-Resistant *Staphylococcus aureus*
Sri Sedjati , Ambariyanto Ambariyanto, Agus Trianto , Ali Ridlo, Endang Supriyantini, Agus Sabdono, Ocky Karna Radjasa, Teguh Firmansyah
- 115 – 118 Gene Expression of Heat Shock Protein 90 (HSP90AA1 and HSP90AB1) in Thyroid Disorders Patients
Alaa Shaker Mahmood , Muthanna M Awad, Nidhal Abdul mohymen
- 127 – 132 Sinensetin Contents of Purple and White Purple Variety of *Orthosiphon aristatus* (Blume) Miq
Fahrauk Faramayuda , Totik Sri Mariani, Elfahmi, Sukrasno
- 133 – 137 *Lactobacillus reuteri* and *Lactobacillus salivarius*, Two Prevalent Vaginal Species Isolated From Healthy Women in Western Algeria.
Bechelaghem Nadia , Djibaoui Rachid, Ergün Yaşar, Ettalhi Mehdi
- 139 – 147 Enhanced Cell Viability with Induction of Pathogenesis Related Proteins against *Aspergillus niger* in Maize by Endo-Rhizospheric Bacteria
Yachana Jha
- 149 – 158 Characterization, Biofilm and Plasmid Curing Effect of Silver Nanoparticles Synthesis by Aqueous Extract of *Myristica fragrans* Seeds
Sabah Mahdi Hadi, Alaa Mohammed Etheb, Afrah Hatem Omran, Shamia Hussain Hassan