

CONTENTS(no final)

Original Articles

- 1 - 7 Data on heavy metals (Pb, Ni, Zn) in soil and biota (common nettle and Roman snail) around the power plant TC Kosova A in Obiliq (Kosovo)
Mentor Bici, Hazbije Sahiti, Muhamet Zogaj, Jeton Halili, Kemajl Bislimi
- 9 - 19 Comparative Profiling of Volatile Compositions of Fresh and Dehydrated Rinds and Leaves of Different Indian *Citrus* Species
Susmita Das, Rinku Saha, Moumita Biswas, Sritopa Mondal, Gargi Mahapatra
- 21 - 27 Testing the Susceptibility of Some Potato Cultivars to Black Scurf Disease Caused by *Rhizoctonia solani* Kühn
Sally Abo-Akel, Walid Naffaa, Mohammed Jamal Mando
- 29 - 36 Expression, Significance, and Impact on Survival of Fatty Acid Binding Proteins 4 and 7 in Colorectal Cancer: A Tissue Microarray Study
Nisreen Abu Shahin, Ahmad Alhessa, Tasneem Alhusani, Akram Kilani, Dana Alqatawneh, Ahmad Qarajeh, Yousef Omar, Mohammad Al-Sanouri, Tamer Barakat, Bahaa Abdelrahim, Heyam Awad
- 37 - 65 Studying the Transcriptome Profiling of Banana Plantlets Exposed to Water Stress and the Alteration in Their Major Bioprocesses
Sri N. Widiyanto, Fainmarinat S. Inabuy, Tyas Nugraheni, Simon Duve, Diky S. Diningrat, John E. Carlson
- 67 - 75 Effect of Gamma Irradiation on Morphological Biochemical and Cytological Attributes of *Salvia hispanica* L.
G. Kumar, Satya Pandey, Naveen Kumar Tiwari, Priyanka Pandey, Jyoti Yadav
- 77 - 87 Ethnomycological Study of Macrofungi Utilized by Pamona Community Around Lake Poso, Central Sulawesi Province, Indonesia
Yusran Yusran, Erniwati Erniwati, Akhmad Khumaidi, Rukmi Rukmi, Sustris Sustris
- 89 - 98 Novel Thiazolidinedione Linked 1,3,4-Oxadiazole Derivatives as AXL Inhibitors Targeting Breast Cancer: *In-Silico* Design, ADMET Screening, and MM-GBSA Binding Free Energy
Mahendra Gowdru Srinivasa, Ananya Dinesh Rao, Ancilla Laveena Dsouza, Gauthami R, Jackson Loy Monteiro, Shridhar Deshpande N, Natasha Naval Aggarwal, Banylla Felicity Dkha rGatphoh, Revanasiddappa B.C
- 99 - 108 The Salivary Glands of the Camel: An Element of Adaptation to Desert Conditions and Mitigation of Climate Change Impacts
Mansour Almansour, Bashir Jarrar, Bernard Faye, Amin Al-Doaiss, Ali Shati, and Djamila Meriane
- 109 - 122 Review: Shilajit (Mumie) A natural Product with Anti-hyperglycemic, Anti-obesity, Anti-oxidant, and Anti-Inflammatory properties for a potential treatment of diabetes mellitus
Abd Al-Rahman S Al-Shudiefat, Jihad A. M. Alzyoud
- 123 - 128 Evaluation of genetic diversity in Jordanian *Solanum nigrum* plants and genetic stability of *in vitro* grown plant using (AFLP) technique
Mu'ad AL-Kiyam, Rida A. Shibli, Ahmad Zatimeh, Reham W. Tahtamouni, Tamara S. AlQudah, Shireen Hassan
- 129 - 134 Oxaloacetate: Transmitter Function, Contribution to the Neurophysiological Processes of the Body, Prospects for Therapeutic Application. Experimental data.
Nataliya Kolotyeva, Irina Gorbacheva, Oksana Gussyakova, Olga Baldina, Frida Gilmiyarova
- 135 - 140 Allicin (diallylthiosulfinate) Restores the Altered Lipid Profile, Erythrocyte Fragility and Permeability in 7,12-dimethylbenz(a)anthracene-induced Hamster Buccal Pouch Carcinogenesis
Sasikumar Dhanarasu
- 141 - 151 Synergistic Antineoplastic and Immunomodulatory Effects of Hesperidin in Ehrlich Ascites Carcinoma Tumor Model Treated with Cisplatin
Heba M. Abd El Latif, Asmaa M. El-Morsy, Hany M. Ibrahim, Dalia S. Morsi

- 153 – 161 Potential Active Compounds of Propolis as Breast Anticancer Candidates: *In Silico* Study
Ruswanto Ruswanto, Tita Nofianti, Tresna Lestari, Ade Dwi Septian, Agung Purnama Firmansyah, Richa Mardianingrum
- 163 – 171 Genetic Diversity and Relationship among and within the Bird of Paradise Plants of Strelitziaceae and Heliconiaceae
Siti Faiqotul Kholqiyah, Didik Wahyudi, Lia Hapsari
- 173 – 184 Bacterial Diversity of Discarded Face Masks from Landfills, Mangroves, and Beaches, in Java, Indonesia
Anna Rakhmawati, Bernadetta Octavia Siti Marwati
- 185 – 196 Preparation of Bioactive Oligosaccharides from Mallow Residues by Enzymes Mixture of Isolated *Aspergillus flavus* B2 and Evaluation of their Biological Activities
Shireen A.A. Saleh, Samia A. Ahmed, Faten A. Mostafa, Asmaa A. Abd El-Galil, Hanan A.A. Taie, Walaa A. Abdel Wahab
- 197 – 205 The Effect of Anthocyanins Black Rice Bran Extract (ABRiBE) on Colorectal Cancer Cell Proliferation and ABCA1 Gene Expression in the HT-29 Cell Line
Wiza Iswanti, Karina RahmadiaEkawidyani, Asmarinah, Slamet Budijanto, Murdani Abdullah
- 207 – 216 Pentraxin-3 and Interleukin-18: Potential Biomarkers for the Early Diagnosis and Severity Prediction of Diabetic Foot Ulcer
Fatma Al-Farra (MSc), Mohammed Al-Zaaneen (MSc), Abeer Al-Qatati2 (PhD), Mohammed Laqqan (PhD), Mazen Alzaharna (PhD)