

CONTENTS

Original Articles

- 127 - 132 Acute Effect of Cadmium Chloride on Chromosomal Abnormalities in the Nile Tilapia Fish
In Vivo
Bundit Tengjaroenkul and Lamyai Neeratanaphan
- 133 - 138 Effects of *Trigona* honey on the Gene Expression Profile of *Pseudomonas aeruginosa* ATCC 10145 and *Streptococcus pyogenes* ATCC 19615
Mohammad Abdulraheem Al-kafaween, Abu Bakar Mohd Hilmi, Norzawani Jaffar1, Hamid Ali Nagi Al-Jamal, Mohd Khairi Zahri, Malik Amonov, Bouacha Mabrouka and Nour A.Elsahoryi
- 139 - 144 Molecular Divergence of *Staphylococcus aureus* Isolated from Dogs and Cats
Mona A. Elshabrawy, Hussien A. Abouelhag, Eman A. Khairy, Hanan Sh. Marie and Ashraf S. Hakim
- 145 - 151 Development of SCAR Marker Linked to *Begomovirus* Resistance in Melon (*Cucumis melo* L.)
Yasir Sidiq, Aprilia Sufi Subiastuti, Wiko Arif Wibowo and Budi Setiadi Daryono
- 153 - 158 Phytotoxicity of Zinc-oxide Nanoparticles on Seedling Growth and Antioxidant Activity of Red gram (*Cajanus cajan* L.) Seed
K. V. Pavani, G. Sai Poojitha and M. Beulah
- 159 - 164 Antibacterial Activity and Chemical Composition of *Arum hygrophilum* Boiss Crude Extracts
Hatim M. Jaber, Khawla D. Al-Hamaideh., Hala I. Al-Daghistani, Nabil H. Amer, Moayyad N. Nassar, Saleh MH. Abd Al-Latif and Abdulameer HD. Al-Nuaimi
- 165 - 176 Leaf Morphology and Venation Patterns of *Euphorbia* L. (Euphorbiaceae) in Egypt with Special Notes on Their Taxonomic Implications
Abdel Aziz A. Fayed, Mohamed S. Ahamed, Ahamed M. Faried and Mona H. Mohamed
- 177 - 181 Establishment of a Cutoff Value of Phenylalanine for Phenylketonuria among West Bank-Palestinian Neonates
Ibrahim A. Ghannam, Akram T. Kharroubi, Renad M. Mustafa, Sumaia M. Jamous, Shahd M. Almufreh and Nelly M. Othman
- 183 - 189 Immunomodulatory and Anti-Arthritic Activities of *Stachys circinata*.
Wassila Slimani, Sakina Zerizer and Zahia Kabouche
- 191 - 196 Plasma MicroRNA-133a as a Potential Biomarker for Acute Coronary Syndrome
Heba F. El Sayed Turkey, Wafaa Abdel Latif E. Mohammed, Sally M. Shalaby, Rasha L. Eteawa, Nader T. Kandil and Islam Galal
- 197 - 205 Diversity and Antimicrobial Activity of Endophytic Fungi from the Medicinal Plant *Pelargonium graveolens* (geranium) in Middle Egypt
Manal M. Yasser, Marym A. Marzouk, Nadia M. El-Shafey and Salwa A. Shaban
- 207 - 211 Angiotensin Converting Enzyme (ACE) Gene Polymorphism in Jordanian Type-1 and Type-2 Diabetic Patients
Ahmad Barghash, Samer I. Al-Gharabli, Malak Jweihan, Maisam Tanbouz, Esra'a AlBarahmieh, Eyad Hamad, Nafisah Al-Rifai, Hussam AlHawari and Lubna H. Tahtamouni
- 213 - 218 Effect of Edible Bird's Nest Supplement on Hepato-renal Histomorphology of Rats Exposed to Lead Acetate Toxicity
Abdulla A. Albishtue, Hazem Kareem Almhanna, Nurhusien Yimer, Md Zuki A. Zakaria, Abd Wahid Haron and Bahaa H. Almhanawi
- 219 - 222 Sexual Restiveness and Colouration between Partial Diallel Cross of Genetically Improved Farmed Tilapia 'GIFT' and UPM red Tilapia.
Oster F. Nwachi, Yuzine Esa, Annie Christianus and Salleh M. Kamarudin
- 223 - 229 Micro RNA 192 Gene Expression and Pathogenesis of Nephrotic Syndrome in Egyptian Children
Faten Z. Mohamed, Doaa M. Youssef, Amal S. El-Shal and Asmaa A. Abdelsalam

- 231 - 236 Temporal Variation of Relative Growth Pattern and Condition of *Glossogobius giuris* (Hamilton, 1822) in the Garai River, SW Bangladesh
Md. Abul Kalam Azad, Md. Yeamin Hossain, Md. Rabiul Hasan, Zannatul Mawa, Md. Ataur Rahman, Md. Akhtarul Islam, Asma Afroz Chowdhury, Obaidur Rahman, Md. Ashekur Rahman, Dalia Khatun and Most. Farida parvin
- 237 - 245 Therapeutic and Prophylactic Efficacy of Garden Cress Seed Oil against Osteoporosis in Rats
Aida I, El makawy, Dalia M. Mabrouk, Faten M. Ibrahim, Sekena H. Abdel-Aziem and Hafiza A. Sharaf
- 247 - 252 Study of *MTHFR* C677T Polymorphism and Associated Oxidative Stress Biomarkers among Autism Spectrum Disorder Patients in Jordan
Laila M. Al-Omari, Abdelrahim A. Hunaiti, Mohammad A. Beirat and Yasser K. Bustanji
-

Short Communication

- 253 - 256 Chemical components and insecticidal effects of *Lavandula angustifolia* and *Origanum vulgare* essential oils on the growth different stages of *Habrobracon hebetor* Say (Hymenoptera: Braconidae)
Samira Molapour, Robab Shabkhiz, Omid Askari, Homeyra Shiri, Akbar Keramati and Vahid Mahdavi