

Table of Contents

Editorial	...	...	...	...	ii
General Information and Instructions to Authors	...	...	...	...	iii
ORIGINAL ARTICLES					
Analytical Investigations of the Mechanotransduction of Mesenchymal Stem Cell for Regulating Cell Fate Decisions	Adeleye OA, Omotosho-Dare T, Yinusa AA	...	...	...	1
Antihyperglycaemic and Safety Evaluation of the Combination Effect of Selected Plants in Diabetic Animal Models	Imaga NOA, Babalola OM, Ashiru MA, Taiwo O, Abiru O, Awodele O	...	...	...	12
Morbidity Pattern, Physiologic Parameters and Outcome among Elderly Patients Attending Selected Primary Healthcare Facilities in an Urban Region of Lagos	Akodu BA, Hussain I, Odugbemi T, Orumbie P, Baiyeroju I, Olokodana-Adesalu O	...	...	...	27
Nutritional and Phytochemical Properties of Aqueous Leaf Extract of Mistletoe (<i>Tapinanthus Bangwensis</i>) Grown on Orange Tree	Nwoke SC, Imaga NOA, Omojufehinsi M, Magbagbeola AO, Ebuehi OAT, Okafor UA..	...	...	...	35
<i>Plasmodium falciparum</i> Merozoite Surface Protein 2 Genetic Diversity and Multiplicity of Infection in Asymptomatic Malaria Cases in Lagos, Nigeria	Agomo CO, Chijioko LO, Ajibaye O	...	...	...	42
Potential Benefits of Omega 3.5.7 on Cardiovascular and Reproductive Functions of Male Rats Administered L-N^G-Nitro Arginine Methyl Ester (<i>L-NAME</i>)	Oludare GO, Orabueze IC, Salau LB, Adepoju S, ¹ Alabi OI, Akanbi KA	...	...	...	49
Subacute and Subchronic Oral Toxicity Assessments of the Aqueous Extract of <i>Euphorbia heterophylla</i> Linn Leaves in Female Sprague Dawley Rats	Elemo OO, Oreagba IA, Akinyede AA, Ishola IO	...	...	...	57
The Role of High Calcium Diet Supplementation on L-NAME induced High Blood Pressure in Pregnant Rats	Oludare GO, Lawal RA, Olayiwola OS, Ojerinde GJ, Achikeh V, Areola AO	...	...	...	65
Effect of L-Arginine Supplementation on Seizure Severity and Comorbid Cognitive Impairment in Pentylentetrazole-Induced Epilepsy	Olusanya A, Arikawe A, Ishola IO, Oghene O, Abass M, Akindele AJ, Awodele O, Adeyemi OO	...	...	...	53
Topical Application of Citral or <i>Cymbopogon citratus</i> Essential Oil Extracts Improved Liver and Antioxidant Enzymes in Wistar Rats	Akinbosola JP, Ogungbemi SI, Anigbogu CN, Jaja SI	...	...	...	82
Detection of Extended Spectrum Beta-Lactamase <i>Escherichia coli</i> and Histamine Contents in Raw Mackerel (<i>Scomber japonicus</i>) Sold in Open Markets in Sagamu, Nigeria	Okunye OL, Idowu PA, Okanlawon BM, Adejumo OE, Lawal AS, Ademola SR	...	...	...	91
An Appraisal of Poisoning Patterns among Adolescent Patients Admitted into Tertiary Care Hospitals in Nigeria	Igbinosa IH, Igharo OG, Okoh AI	...	...	...	97