

## Journal of the South Carolina Academy of Science

Vol. 22, no. 2 Fall 2024 On-Line Edition

A peer-reviewed electronic publication of the South Carolina Academy of Science

## JUNIOR ACADEMY RESEARCH ARTICLES

Investigating the Synergistic Antibacterial Effects of <i>Ulva lactuca</i> and <i>Fucus vesiculosus</i> Extracts on the Growth of <i>Staphylococcus epidermidis</i>	
Bryan Lee	62
A Comparative Analysis of Chemotherapeutic Administrations in Inhibiting Glioblastoma Multiforme Cellular Growth Utilizing an Integration of	
Differentiation-Based Growth Models and Pharmacokinetic Equations  Anagha Chethan Gowda	72
Effect of Playing Soccer on the Level of Visual Attention in High School Students Hamilton Howard	86
Comparing Vitamin C and Vitamin E in Improving the Photostability of a Retinol Serum Exposed to Heat Degradation  Isra Siddique	92
Utilizing Lentinula edodes and Pleurotus ostreatus to decrease Saccharomyces cerevisiae growth with oxidative stress present as a model for cancer  Abdullah Amir	101
The Effect of Different Vegetable Oils (Macadamia Nut Oil and Walnut Oil) on the Coefficient of Friction as a Finish for Oak Wood  Lee Dillon	108
A Commonative Study to Ductist Organism Company	
A Comparative Study to Predict Ovarian Cancer Binadie Wickramasinghe, Gloria Regisford	119
Cortisol and Alpha-Synuclein Stability in Saliva under Varying Storage and Handling Conditions	
Mo Zheng, Sujata Srikanth, Jeremiah Carpenter, Delphine Dean	129