

## Short Communication on Recent Published Articles in Journal of Microbial & Biochemical Technology

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### ABSTRACT

The Journal of Microbial & Biochemical Technology is a peer review open access journal which was founded on two key components. The main aim is to publish the most exiting researches with respect to the subjects Microbial & Biochemical Technology and then to provide the rapid reviewing and publishing and to spread the articles without restrictions for research, teaching and reference purposes. In this our main aim is to explain in brief all the articles at one platform.

**Keywords:** Microbial & Biochemical Technology; E.coli; human immunodeficiency virus; Glucoamylase; Alzheimer's disease

### INTRODUCTION

Expression and Applications of HriCFP in E. coli: A Novel Biosensing Fluorescent Protein in this article the author Habib Bokhari clearly explained the biosensing potential of a novel fluorescent protein called HriCFP. The protein was expressed in the E.Coli which presented stable and discreet expression in the bacterial cells. It also shows that HriCFP may have substantial advantage over other larger proteins because of its minimal impact on host strain metabolism.

Diagnostic oral biomarkers of immunosuppression in apparently healthy seropositive HIV population, in South Western Uganda in this article the author Agwu Ezer clearly presented the evaluation of the oral clinical manifestations as biomarkers of immunosuppression in the healthy people of human immunodeficiency virus infected patients in resource poor masaka, mbarara and rakungiri districts of south western Uganda.

Solid-State Fermentation of Agroindustrial Residues for Glucoamylase Production from Endophytic Fungi *Penicillium javanicum* of *Solanum tuberosum* L. in the article the author Mervat Morsy Abbas Ahmed El-Gendy has clearly evaluated the glucoamylase production under the solid state fermentation of residues of agro industries along with groundnut shell, corn stover, wheat straw etc as renewable cheap substrates from the roots of *solanum tuberosum* L. The result presented the yield of maximum glucoamylase using groundnut shell as substrate.

Theoretical Study of Quinoline Derivatives Involved in Neurodegenerative Diseases in the paper the author Soufi Wassila explained in detail about the neurodegenerative diseases in detail and found that a series of quinoline derivative has been synthesized with a very high heterocyclic class in a wide range of biological activities. These derivatives have been revealed to be selective inhibitors of Acetyl cholinesterase (AChE) with IC<sub>50</sub> values. This work is to study the inhibition of AChE enzyme involved in the Alzheimer's disease by computational methods for molecular modeling and simulation of macromolecule. These results will probably help in the development of an effective therapeutic tool to fight against the development of Alzheimer's disease.

Reduce the Risk of Oxidation and Pathogenic Bacteria Activity by *Moringa oleifera* Different Leaf Extract Grown in Sudan in this the author the Rasha Khalid Abbas clearly presented to identify the Polyphenol constituents of *Moringa oleifera* leaf extract by different methods using High Performance Liquid Chromatography. Ellagic acid gave the highest concentration when extracted by ethyl acetate Caffeine gave the lowest concentration. in all different extract, The effect of leaf extracts against four different pathogenic bacteria *Salmonella typhimurium*, *Pseudomonas aeruginosa*, *Escherichia coli*, and *Bacillus cereus*, were inspected using Mueller Hinton Agar and calculating inhibition zone (diameter mm), were found that, there was significant difference of all moringa leaf extracts against bacteria.

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