

M.Sc. Biotechnology Semester 10 Examination April-2020

BTR4002 Review of Research Publication

1. Abreu AA, Tavares F, Alves MM, Cavaleiro AJ, Pereira MA. Garden and food waste co-fermentation for biohydrogen and biomethane production in a two-step hyperthermophilic-mesophilic process. *Bioresource technology*. 2019 Apr 1;278:180-6.
2. Alba MD, Cota A, Osuna FJ, Pavón E, Perdigón AC, Raffin F. Bionanocomposites based on chitosan intercalation in designed swelling high-charged micelles. *Scientific reports*. 2019 Jul 16;9(1):10265.
3. Kumar MK, Sandeep BV, Rao PS. Development of salt tolerant callus cultures by somatic hybridization between *Oryza sativa* and mangrove grass *Myriostachya wightiana*. *Annals of Agrarian Science*. 2018 Dec 1;16(4):396-404.
4. Lirong W, Pengshan Z, Xin Z, Xiaopeng W, Xiaofei M, Yi L. Physiological adaptations to osmotic stress and characterization of a polyethylene glycol-responsive gene in *Braya humilis*. *Acta Societatis Botanicorum Poloniae*. 2016;85(1).
5. Mayzuroh A, Arindhani S, Caroenchai C. Studies on bioethanol production of commercial baker's and alcohol yeast under aerated culture using sugarcane molasses as the media. *Agriculture and Agricultural Science Procedia*. 2016 Jan 1;9:493-9.
6. Paudyal N, Pan H, Elbediwi M, Zhou X, Peng X, Li X, Fang W, Yue M. Characterization of *Salmonella* Dublin isolated from bovine and human hosts. *BMC Microbiology*. 2019 Dec;19(1):1-8.
7. Qin D, Liu XY, Miceli C, Zhang Q, Wang PW. Soybean plants expressing the *Bacillus thuringiensis* cry8-like gene show resistance to *Holotrichia parallela*. *BMC biotechnology*. 2019 Dec 1;19(1):66.
8. Ryu JS, Hwang MR, Lee JT, Lim MU, Na YJ, Lee SB, Lee JH, Ko K, Hwang KA, Choo YK. Relationship between ganglioside expression and anticancer effects of a plant-derived monoclonal antibody against epithelial cell adhesion molecule in colon cancer. *J Plant Biotechnol*. 2019; 46:217-27.
9. Sur D, Kustwar RK, Budania S, Mahadevan A, Hancks DC, Yadav V, Shankar SK, Mandal PK. Detection of the LINE-1 retrotransposon RNA-binding protein ORF1p in different anatomical regions of the human brain. *Mobile DNA*. 2017 Dec;8(1):17.
10. Wang H, Shen J, Pi Y, Gao K, Zhu W. Low-protein diets supplemented with casein hydrolysate favor the microbiota and enhance the mucosal humoral immunity in the colon of pigs. *Journal of Animal Science and Biotechnology*. 2019 Dec;10(1):1-3.