

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities

(Notifications received in AIU during the month of October-November, 2021)

BIOLOGICAL SCIENCES

Life Sciences

1. Abignangurkar, M S. **Modulation of PPAR γ by mulberry leaf bioactives and its implications on chondroitin sulphate/dermatan sulphate in kidney of diabetic rats.** (Dr. Nandini C D), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

2. Anil Kumar. **Anti-inflammatory and anti-arthritic potential of new alantolactone derivative.** (Dr. Zabeer Ahmed), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

3. Bhowmick, Snigdha. **The role of Voltage Dependent Anion Channels (VDACs) in the development and progression of hepatocellular carcinoma.** (Dr. Soumya Sinha Roy), Faculty of Biological Engineering, Academy of Scientific and Innovative Research, Ghaziabad.

4. Chibber, Pankaj. **Preclinical evaluation of OA-DHZ, a lead as an anti-inflammatory and analgesic derivative of dehydrozingerone.** (Dr. G D Singh), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

5. D Souza, Caroline. **Virulence factors associated with vibrio vulnificus and their implications.** (Dr. Krishna Kumar B), Faculty of Biological Sciences, Nitte University, Mangaluru.

6. Giridhar, B H. **Mutational profiling of tp53 in lung cancer patients and its correlation with smoking status and therapeutic resistance.** (Prof. Anirban Chakraborty), Faculty of Biological Sciences, Nitte University, Mangaluru.

7. Gurpreet Singh. **Exploration of endophytic fungi from *Brugmansia aurea* for discovery of bioactive metabolites through conventional and epigenetic modulation approach.** (Dr. Meenu Katoch), Faculty of Life Science, Academy of Scientific and Innovative Research, Ghaziabad.

8. Jazeela, Kadeeja. **Generation of auxotrophic mutants of nontyphoidal salmonella serovars and investigating their anti-tumor properties.** (Dr.

Deekshith), Faculty of Biological Sciences, Nitte University, Mangaluru.

9. Karanth, P Anupama. **Development of Loop-Mediated Isothermal Amplification (LAMP) assay for the sensitive detection of vibrio parahaemolyticus.** (Dr. Biswajit Maiti), Faculty of Biological Sciences, Nitte University, Mangaluru.

10. Mahendra, V P. **Effect of dietary molecules in glucose-stimulated insulin secretion from pancreatic β -cells and their effect on insulin aggregation.** (Dr. Ravi Kumar), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

11. Pradhan, Suchitra. **Understanding the mechanism of chromosome condensation by SMC proteins in *Mycobacterium smegmatis*.** (Dr. Ravi Kumar), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

12. Prajeesh, K V. **Glucose tolerant beta-glucosidase of *Aspergillus unguis*: In-silico characterization, cloning, expression and genome/transcriptome profiling to understand its regulation.** (Dr. Rajeesh K. Sukumaran), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

13. Prathiksha, P. **Study on quorum sensing inhibitors from phytal sources for the attenuation of pseudomonas aeruginosa virulence.** (Dr. Ramya Premnath), Faculty of Biological Sciences, Nitte University, Mangaluru.

14. Preetha Rani. **Exploration of ER stress and associated complications in the genesis of hyperglycemia induced cardiomyopathy and possible amelioration with chlorogenic acid.** (Dr. Raghu K G), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

15. Priyanka Kumari. **Green synthesis and characterization of nanomaterials from plant sources and its pharmaceutical application.** (Dr. Abha Meena), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

16. Purohit, Paresh Kumar. **Modulation of mitochondrial function and cellular stress**