

Projects for dissertation

For Masters Degree Program:

Duration: 3months-6months

Cost: Free of cost

Topic:

1. Cloning of RNA toehold switch and its development as diagnostic tool
2. Cloning of RNA toehold switch and its development as diagnostic tool for SARS AND MERS infection.
3. Evolution and characterization of DNA Aptamers binding to bacterial species using Cell-SELEX technology.

For Bachelors degree Program

Duration: 1month-6months

Cost:Rs. 20,000

1. Sortase A mediated surface modification of lactobacillus acidophilus for clearance of gut pathogens.
2. Testing of micro RNA mir-21 toehold switch for anticancer activity in human breast cancer cell lines.
3. Cloning and expression of anti-microbial peptide Buwchitin
4. Cloning and expression of cardiac biomarkers for development of affordable diagnostics
5. Evolution of DNA Aptamers specifically binding to cardiac biomarkers.

Registration open year round, limited seats!

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