Recent Projects - Customised Biotechnology Solutions

Project title	Year	Customer
Analysis and DNA sequence of the drug resistance determining regions (DRDRs) of rpoB, folP and gyrA in the *Mycobacterium leprae* genome in relapse investigation	2021	Anti-Leprosy Campaign, Ministry of Health, Sri Lanka
DNA barcoding of mangrove plants	2021	Department of Animal Sciences, University of Ruhuna
Determination of the genetic similarity between SL type *Aedes aegypti* and SL *Wolbachia* infected *Aedes aegypti*.	2020	National Dengue Control Unit, Ministry of Health, Sri Lanka
Qualitative detection of *Chlamydia trachomatis*/*Neisseria gonorrhoeae* by PCR	2020	National STD/ AIDS control Programme, Ministry of Health, Sri Lanka
DNA sequence analysis of COI gene for butterfly specimens	2017/ 2018	Department of Zoology and Environment Sciences, Faculty of Science, University of Colombo
Laboratory confirmation patients (infants) with Whooping Cough like symptoms to ensure diagnosis or discard of Whooping Cough through PCR testing.	2017	Epidemiology Unit, Ministry of Health, Sri Lanka
Detection of Vitamin D Receptor gene polymorphism by PCR/RFLP	2017	Medical Laboratory Sciences Unit. Faculty of Medical Sciences, University of Sri Jayawardenapura
Analysis and DNA sequence of the drug resistance determining regions (DRDRs) of rpoB, folP and gyrA in the *Mycobacterium leprae* genome in relapse investigation	2017	Anti-Leprosy Campaign, Ministry of Health, Sri Lanka
Analysis of mecA, PVL and fem B genes of methicillin resistant *Staphylococcus aureus*.	2016	Medical Research Institute and Government hospital Karapitiya
Molecular level identification of animal species (Fish, Oyster, Turkey and Poultry).	2015 -2016	Department of Animal Sciences, University of Ruhuna
Analysis of Genetically Modified Organisms (GMO) in food samples	2013	Ministry of Environment, Sri Lanka
Genetic variation of black tiger prawn (*Penaeus monodon)* populations in Sri Lanka through their Mitochondrial control region (CO1).	2013	Department of Zoology, University of Ruhuna
Genetic variation of common carp (*Cyprinus carpio*) populations in three fisheries research stations in Sri Lanka' using SSR markers.	2012	Department of Zoology, University of Ruhuna