

PhD Research Activities

- 1 Isolation and molecular characterization of probiotic microorganisms (*Lactobacillus* spp.) present in traditional dairy products of Nepal. RanjanKoirala. 2012.
Supervised by Dr. RajaniMalla
- 2 Molecular Epidemiology and Complete genetic characterization of Dengue virus in Nepal. Birendra Prasad Gupta. 2013
Supervised by Prof. Dr. Krishna D Manandhar
- 3 Molecular Genetic Analysis Colorectal Cancer in Nepalese population. Niranjan Shah. 2013
Supervised by Dr. S. Jha
- 4 Immune Reconstitution Inflammatory Syndrome (IRIS) Development Among People Living with HIV/AIDS in Nepal. Shrawan Kumar Mishra. 2013
Supervised by Prof. Dr. Krishna D Manandhar
- 5 Enhancement in Ethanol production using Electrochemical Cell. Jarina Joshi, Supervised by Prof. Dr. TribikramBhattarai.
6. Hepatitis B Survey. Smita Shrestha. Supervised by Prof. Dr. Krishna D Manandhar
7. Molecular Characterization of thermophilic isolates and Cellulase. Punam Yadav. Supervised by Prof. Dr. TribikramBhattarai.
8. Determination of the role of small ncRNA for the biosynthesis regulation of bioactive pigmented metabolites in *Streptomyces coelicolor* and other possible *Streptomyces* spp. Raju Lama. Supervised by Prof. Dr. RajaniMalla. Date 2074 shrawan
9. Application of electronic Nose with nanowire technology for the detection of microbial contamination of chicken meat and water. Manohar Prasad Bhandari. Supervised by Prof. Dr. RajaniMalla. Chaitra, 2072
- 10 Molecular characterization of lytic bacteriophage specific to multidrug resistant bacteria and pharacokinetics of phage in biological models. Guna Raj Dhungana. Supervised by Prof. Dr. RajaniMalla.
11. Stem Cell Proliferation and cytokine expression in response to medicinal plant extraction. Bhuvan Saud. Supervised by Prof. Dr. Krishna Das Manandhar. 2074, Shrawan.
12. Characterization of TNF alpha gene polymorphism and its impact in influenza A/ pandemic H1N1 patients in Nepal. Bimelesh Kumar Jha. Supervised by Prof. Dr. Krishna Das Manandhar. 2072 Mansir.
- 13 Identification and Epidemiological Study of Zoonotic Parasites Prevalence in Nepal” carrying by Mr. HariBahadurRana, Assoc. Prof., Rampur Agricultural Campus, TU registered at Dr. K. N. Modi University, Newai, Rajasthan, India. 2012 to Continuing.
Supervised by Prof. Dr. Krishna D Manandhar
- 14 Transformation of wheat for delaying Senescence. Deepak Pant. Supervisor Prof. Dr. TribikramBhattarai.