

Colorimetric detection of E. coli, Streptococcus spp. and Staphylococcus aureus isolated from mastitis milk samples by optical biosensing using oligonucleotide-Gold Nanoparticles

1. Year of start of Project: 2019
2. Principal Investigator: Dr. Ajeet Kumar, Assistant Professor, Veterinary Biochemistry
3. COPI: Dr. Kaushlendra Kumar, Assistant Professor, Animal Nutrition
Dr. Anjay, Assistant Professor, VPHE

4. Annual Budget:

Financial year	Budget	Remark
2019-2020	Total 7.5 lakh (NRC-5 lakh, RC 2.5 lakh)	NRC- Equipment yet to supply RC- Purchase order not placed yet
2020-2021	Rc-2.5 lakh	

5. Salient activities/achievements:

- Probe has been deigned