



DEPARTMENT OF VETERINARY BIOCHEMISTRY  
FACULTY OF VETERINARY & ANIMAL SCIENCES  
**WEST BENGAL UNIVERSITY OF ANIMAL & FISHERY SCIENCES**  
37 & 68 K.B. SARANI, KOLKATA 700037 & MOHANPUR, NADIA – 741252

**Prof. (Dr.) Subhasis Batabyal**  
MVSc., PhD (Veterinary Biochemistry)

**Memo No.: VBC/73/2021**

**Dated: 28.08.2021**

**TO WHOM IT MAY CONCERN**

This is to certify that the work recorded in the thesis entitled “*Investigation on Integration of Reticuloendotheliosis Virus Sequence within the Genome of some Commercial Vaccine Strains and Field Isolates of Fowl Pox Virus in India*”, submitted by **Dr. Nilabja Roy Chowdhury**, in partial fulfilment of the requirements for the degree of Master of Veterinary Science in **Veterinary Biochemistry** of the West Bengal University of Animal & Fishery Sciences, is a pathbreaking research in the field of veterinary sciences due to its involvement in upbrining the rural Indian economy by aiming to fortify the health of poultry birds. As the Poultry Industry is a major player in the Indian economy, the research addresses to a major problem of the industry, i.e., Fowl Pox.

The researcher also found some new angles of the disease where a retrovirus is naturally carried out as a parasite like form within the genome of a dsDNA virus. He also found the roots of the retrovirus linked with mammalian endogenous genetic segments (as mentioned in the detailed research column).

Also, the researcher did not get subtle economic assistance during the tenure of his work and a funding for further work on this area will be appreciable.

Dated: 28.08.2021

Kolkata

**Prof. (Dr.) Subhasis Batabyal**  
Chairman-cum-Supervisor  
Of the Candidate



