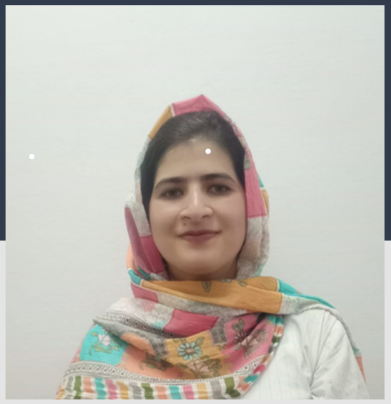
Dr. Mir Mehroz Hassan



CONTACT

[redacted]

[redacted]mail.com

Rawathpora Kupwara J & K

Pin: 193224

SKILLS

- Bioinformatics
- Whole genome sequencing Analysis
- R
- GALLO
- Molecular Biology Techniques
- CNV & SNP Analysis

LANGUAGES

- English
- Hindi
- Kashmiri
- Urdu

PROFILE

Motivated researcher with expertise in Animal Genetics and Genomics, focusing on climate adaptation in cattle. Skilled in molecular biology techniques, bioinformatics, and whole genome sequencing (WGS) data analysis, with a strong academic and research background.

PUBLICATIONS

- Breeding Strategies for Sustainable Livestock Production .
- Decoding DNA Methylation in Staphylococcus aureus Mastitis: Implications for Immune Regulation and Disease Resistance.

THESIS

Elucidating genomic footprints of cold adaptation in cattle using whole genome resequencing approach

MEMBERSHIPS

- Lifetime member in "Indian Veterinary Research Institute Association
- Lifetime member in "J&K Veterinary Council"

EXPERIENCE

One-year rotational Internship Program
¢ Veterinary Clinical Complex (Srinagar, Kashmir)
¢ Co-operative (Dairy) experience (Ganderbal, Kashmir)
¢ Dept. Animal Husbandry Kupwara, Kashmir
¢ Livestock Research Station (SKUAST-K)

EDUCATION

Masters in Veterinary Science
Animal Genetics and Breeding 2024-2025
ICAR-IVRI
GPA: 8.3 / 10

Bachelors in Veterinary Sciences and Animal Husbandry 2017-2023
SKUAST Kashmir
GPA: 7.4/ 10