

Demo Application for ICMR Postdoctoral Fellowship Scheme

1. Personal Information

Name: Dr. Ananya Verma
Gender: Female
Date of Birth: 05/09/1992
Age: 32
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Phone: +91-9876543210
Category: General
Nationality: Indian

2. Academic Qualifications

Degree	Institution	Year of Passing	Subject	Grade/CGPA
Ph.D.	AIIMS, New Delhi	2023	Biochemistry	8.9 / 10
M.Sc.	BHU, Varanasi	2017	Biotechnology	9.1 / 10
B.Sc.	University of Delhi	2015	Life Sciences	8.8 / 10

3. Publications

- Verma, A., et al. (2022). "Role of miRNA-21 in Lung Cancer Progression." Journal of Clinical Oncology Research. (First Author)
- Verma, A., et al. (2021). "Nanoformulations in Cancer Therapy." Indian Journal of Medical Research. (First Author)

4. Research Proposal Title

Development of MicroRNA-Based Therapeutics for Triple Negative Breast Cancer: A Translational Approach

5. Abstract of the Proposed Research

The proposed study aims to explore the therapeutic potential of microRNAs (miRNAs), particularly miR-21 and miR-155, in regulating gene expression pathways associated with triple-negative breast cancer (TNBC). Using advanced gene-editing techniques such as CRISPR-Cas9 and nanoparticle delivery systems, the research will focus on in vitro and in vivo models. The goal is to develop a cost-effective, low-toxicity therapeutic strategy suitable for Indian cancer patients, particularly women under 50. The research aligns with ICMR's priority on women's health and cancer control.

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6. Institute & Mentor Details

Proposed Institute: ICMR - National Institute of Cancer Prevention and Research (NICPR), Noida

Proposed Mentor: Dr. R.K. Malhotra, Senior Scientist, NICPR

Mentor Consent Letter: Yes Attached

7. Documents Checklist (All Attached)

Yes Application Form

Yes Research Proposal

Yes Curriculum Vitae (CV)

Yes Statement of Purpose

Yes Two Letters of Recommendation

Yes Degree Certificates

Yes Caste Certificate (Not applicable)

Yes Publications (PDF Copies)

Yes Mentor Consent Letter

8. Declaration

I, Dr. Ananya Verma, hereby declare that the information provided is true to the best of my knowledge. I understand that any discrepancy found later will disqualify my candidature.

Signature:

Dr. Ananya Verma

Date: 10 April 2025