

# Bhawna

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University Medicine Mannheim,  
Mannheim.

Dear Hiring Manager,

With a strong academic background in Molecular Life Sciences and hands-on experience in molecular biology techniques, I believe I am well-suited for the challenges and opportunities presented by your organization.

In my current role as a master's candidate at the Matthias Schleiden Institute in Jena, Germany, I am actively involved in a master's Thesis project focusing on the characterization of the SRS\_13901 effector protein of *Sporisorium reilianum* f.sp. *reilianum*. This research has honed my skills in molecular biology techniques, including cloning, PCR, Southern blot, Western blot, and Sanger sequencing data analysis. I have also gained expertise in creating mutant strains, gene complementation, plant infection, and conducting protein-protein interaction analyses using the yeast two-hybrid system. Additionally, I have experience in enzyme-based assays for the functional evaluation of signal peptides and the isolation of genomic DNA.

My bachelor's degree in Zoology Honors from Delhi University equipped me with a diverse set of skills in genetics, immunology, cell and developmental biology, proteins and enzymes, physiology, molecular biology, and biochemistry.

Apart from my academic and research achievements, I bring to the table strong communication and collaboration skills, project management abilities, and a keen eye for organization. My proficiency in laboratory safety protocols, data analysis, documentation, and reporting further demonstrates my commitment to quality research. I am fluent in English and possess a basic understanding of the German language.

Enclosed is my resume, which provides further details about my academic and professional background. I am excited about the opportunity to contribute my skills and knowledge to your company and am confident in my ability to make meaningful contributions to your team.

Thank you for considering my application. I look forward to the opportunity to discuss how my experiences align with the needs of your organization.

Sincerely,  
Bhawna.