

[Your Name]  
[Your Address]  
[City, State ZIP Code]  
[Your Email Address]  
[Today's Date]

[Recipient's Name]  
[Title, if known]  
[Lab or Department Name]  
[Institution/Organization Name]  
[Institution Address]  
[City, State ZIP Code]

Dear [Recipient's Name or "Hiring Committee"],

I am writing to express my interest in the Research Assistant position in the Biology Lab at [Institution/Organization Name], as advertised on [where you found the position]. With a strong academic background in biological sciences and extensive hands-on experience in laboratory research, I am eager to contribute to your lab's innovative projects and support the advancement of scientific knowledge.

I am currently completing my [degree or program] at [Your University], where I have acquired a solid foundation in molecular biology, genetics, and cell biology. My coursework, combined with my research internship in the Department of Biology at [Previous Institution or Lab], has provided me with practical experience in essential laboratory techniques, including PCR, gel electrophoresis, microscopy, and cell culture. I am proficient in maintaining accurate records, performing statistical analyses using [software/tools], and collaborating effectively within interdisciplinary teams.

During my internship, I assisted in the design and execution of experiments focused on [briefly describe a relevant project or area]. I demonstrated attention to detail in data collection, troubleshooting protocols, and presenting findings at lab meetings. My dedication to rigorous scientific methodology and my ability to quickly learn new techniques allowed me to make meaningful contributions to our research objectives.

I am particularly drawn to your lab's work on [specific research interest or project], and I am motivated by the opportunity to participate in impactful biological research. I am confident that my combination of technical skills, academic excellence, and enthusiasm for science will enable me to contribute effectively as a research assistant in your group.

Thank you for considering my application. I would welcome the opportunity to discuss how my skills and experiences align with your lab's needs. I have attached my resume for your review and look forward to the possibility of joining your team.

Sincerely,  
[Your Name]