

# SOPHIE LANGFORD

## Biomedical Scientist

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To Dr. Megan Jacobs

NSW Health Pathology

Dear Dr. Jacobs,

I am writing to apply for the Biomedical Scientist – Microbiology role with NSW Health Pathology. I currently work within the Public Health England microbiology reference laboratories in London and am seeking to bring my expertise to Australia, where I plan to relocate later this year.

Over the past six years, I have developed proficiency in bacterial identification, antimicrobial resistance profiling, and PCR-based pathogen detection. I also participated in the rollout of a rapid diagnostics program for sepsis cases, reducing time-to-result by 40%. In addition to benchwork, I have trained junior staff and contributed to UKAS accreditation processes.

Your department's reputation for innovation in infectious disease surveillance and its role in national outbreak response particularly appeal to me. I am confident that my technical background and dedication to quality assurance will translate well into your team's dynamic environment.

Please find my CV attached. I would be pleased to discuss how I can contribute to your microbiology services in Sydney.

Warm regards,

Sophie Langford