

Cover Letter

Dear Sir/Madam,

I am writing to apply for a master position in the laboratory of Dr. Melanie Alpaugh at the University of Guelph, commencing in Fall 2024 or Winter 2025.

I received a BSc degree in Cellular and Molecular Biology from [REDACTED]. [REDACTED], I serve as the manager of the hormone department in a Clinical Laboratory in Tabriz, Iran. I possess strong experience in analyzing a wide range of manual and automated test procedures in Immunology, Hematology, Biochemistry, Serology, and Cardiac diseases. Additionally, I have actively engaged in academic and medical research collaborations related to Clinical Laboratory practices. I have also acquired a comprehensive understanding of medical analysis methods such as Electro Chemiluminescence (ECL), Chemiluminescence (CL) Immunoassay systems and Enzyme Linked Immunosorbent Assay (ELISA).

My interest in Clinical Laboratory began during my internship at the [REDACTED]. I successfully resolved issues related to setting up and calibrating the SIEMENS ADVIA CP in the Immunology department, thus saving time and money for the laboratory. Over the past ten years, I have progressed from a laboratory technician to a laboratory supervisor and head of the Hormone and Immunology departments. I have participated in numerous educational and research workshops conducted in collaboration with reputable companies such as SIEMENS Healthcare and DIASORIN, focusing on CL, ECL, CLIA, and ELISA laboratory methods. Moreover, I have collaborated with research laboratory colleagues on various projects, including research, diagnostic, and therapeutic tests for patients with epilepsy and bipolar disorder. I should mention that I have the experience of working in university laboratory in the field of western blotting and I am highly interested in increasing my experience in this field.

In addition to my academic research, I possess extensive experience in sampling, collecting, and analyzing various human and animal biological fluids such as Blood serum, CSF, Synovial and Pleura. Furthermore, I have gained valuable expertise in operating advanced laboratory equipment, including different types of microscopes (Stereo microscope, Inverted microscope, Fluorescence microscope), SIEMENS ADVIA Centaur CP, SIEMENS Immulite, SIEMENS ADVIA 1200 & 1800, Hitachi911 and LIAISON.

Given my robust experience in the laboratory field, I am confident in my ability to contribute significantly to your project. I am available for further discussion regarding my credentials and the position. Thank you for considering my application, and I eagerly await your response.

All the best,

[REDACTED]
Department of Sciences, Faculty of Biology, Azad University of Zanjan, Iran
[REDACTED]

