Dear Mrs Fleming, the genetic technologist position advertised on <https://jobs.scot.nhs.uk/>, with vacancy N°: 458268 is of high interest to me and I would like to be considered for it.

Currently, I am working in a genetic diagnostic laboratory at an oncology hospital in Poland, where I work on clinical samples to provide oncologists with genetic cancer diagnosis in order to customize treatment. I would like to continue developing in the field of medicine and genomics research after the end of my contract - what appeals to me the most in this field of research is that it has direct positive impact on patient well-being so it brings great satisfaction. Therefore, I would like to be considered for the genetic technologist role

Following graduation from the University of Edinburgh in 2013, BSc Hons Biological Sciences (Biochemistry), where I deepened my critical reasoning and good communication skills, in 2014 I obtained a Master's degree in Systems and Synthetic Biology from the University of Évry, France.

Immediately after Master, I joined a research team at the University of Freiburg , Germany. The project consisted in innovative ionic sensing using biological nanopores (analogous to Oxford Nanopore). My work required independence in conducting experiments and problem solving - I was involved in organizing the lab daily activities, poster presentation and fostering good relations with other team members as well as with external professors.

Most importantly, my experiences so far developed my scientific curiosity and made me adapt to and learn from multi-disciplinary environment in an international context. They also provided me with a working knowledge of:

* handling clinical samples and issues on patients' data protection
* Dealing with rigourous Operating Procedures and Policies
* extraction and purification of DNA, cfDNA and circulating tumour cells from whole blood, plasma, serum, lymphocytes and cancerous tissues
* performing PCR reactions on isolated nucleic acids: qPCR/RT-PCR
* primer design
* DNA sequencing and data analysis
* biobank management

The genetic technologist position is particularly attractive to me for its interconnection with research laboratories which might facilitate my future endeavour to doctoral studies, that I might wish to undertake after gaining sufficient working experience. The position fits in the continuity of what I have been doing recently and includes some technique that I am interested in learning. Therefore, I believe I could contribute positively to the team while expanding my knowledge and skills in the field that I have natural stamina to work in. I would be delighted to talk about the role in more detail and discuss the potential value I could bring in. I appreciate any time you can offer me in the future and the time you spent over this enquiry.