

LERATO KH MOFOKENG

SUMMARY

BSc Honours Genetics candidate who has completed all coursework and research requirements, with hands-on experience in molecular biology, qPCR, and cell culture techniques. Trained in SA & ICH-GCP R3 with strong understanding of research ethics, data integrity, and SOP-driven workflows. Detail-oriented, adaptable, and confident in documentation, sample handling, and laboratory support.

Phone:
0767704553

Address:
Johannesburg, South Africa

Email:
Katleholh@icloud.com

Drivers License:
Code 8 (B)

QUALIFICATIONS

Bachelor of Science Honours with Specialisation in Genetics

Jan 2025 - Nov 2025

University of the Free State, Bloemfontein Campus

Coursework: Cell Cultures in Genetics Research. Advanced Human Genetics. Advanced Behavioural Genetic. Literature Review. Techniques: DNA & RNA extraction, Gel electrophoresis, PCR & qPCR, Cell Cultures, Data analysis.

I gained proficiency in SOPs, molecular biology workflow and cell culture maintenance. I developed theoretical knowledge in cytogenetics through advanced human genetics coursework. In addition, I have volunteered to do basic laboratory duties such as cleaning the benches and sterilizing apparatus to ensure compliance with safety standards.

Bachelor of Science in Behavioural Genetics

2018 - 2024

University of the Free State, Bloemfontein Campus

Coursework: Microbiology. Hematology. Psychology. Neuroscience. Computer Literacy. Quantitative Genetics. Ethics and Considerations. Genetic Counseling. Polygenic Risk Score. Good Laboratory Practice (GLP). Research.

I built a strong foundation in molecular genetics, psychology and hematology. I participated in group laboratory projects requiring precision, documentation, and collaboration.

Grade 12

2016

Ntsu Secondary School, Bethlehem Free State

RESEARCH EXPERIENCE

Honours Student Specializing in Genetics

Jan 2025 - Nov 2025

Department of Genetics and Cardiovascular Research unit, University of the Free State

- Proposed project: "Using real-time quantitative PCR to assess the gene expression of three genes in human fibroblasts and induced pluripotent stem cells" - EBREC Approved.
- Developed and executed molecular protocols with a focus on accuracy and reproducibility.
- Completed literature review titled "Cellular differentiation (stem cell) through epigenetic mechanisms", summarizing complex data and presenting finding to the academic staff and colleagues.

WORK EXPERIENCE

Clinical Research Support Volunteer

Dec 2025 - Present

CRISMO Research Centre (On-Site), Bertha Gxowa Hospital

- Gaining hands-on exposure to clinical trial operations, including study workflows, protocol requirements, patient pathways, and site responsibilities under GCP compliance.
- Supporting participant-related processes such as reviewing screening documents, verifying eligibility paperwork, managing source documents, and ensuring accurate and complete documentation.
- Assisting in maintaining essential documents and performing quality checks on Investigator Site Files (ISFs) to ensure regulatory compliance, completeness, and audit readiness.
- Contributing to data integrity through accurate document handling, source document verification, and identification of discrepancies requiring correction.
- Learning and following site SOPs, regulatory guidelines, and ethics requirements, with exposure to essential documents including ICFs, delegation logs, training logs, and site regulatory files.
- Supporting site staff (PI, Sub-Is, Study Coordinators, Data Clerks) by understanding site workflows, staff roles, and study communication processes.
- Maintaining confidentiality and adhering to SAHPRA, ICH-GCP, and site standards in all tasks performed.
- Building CRA-aligned competencies including attention to detail, documentation quality, time management, protocol comprehension, and communication within a multidisciplinary research team.

Student & Laboratory Assistant

Mar 2025 - Nov 2025

University of the Free State, Bloemfontein Campus

- Provided academic support to GENE2626 and GENE3714 students. I assisted students in tutorials and invigilated at tests.
- Assisted with preparing test papers, marking scripts and capturing marks.
- Prepared reagents and solutions for wet bench practicals and taught pipetting and good laboratory practice to undergraduates.
- Ensured lab compliance with hygiene and safety protocols.

Volunteering (Part-Time) Sales Representative

Jan 2025 - Mar 2025

FUNDI (Central University of Technology)

- Lodged student loans applications and registered NSFAS profiles for students to access funds.
- Captured sensitive documents into FUNDI database with accuracy and confidentiality.
- Promoted FUNDI services across various government facilities, increasing awareness and client engagement.

Student Support (Intern)

Feb 2024 - Feb 2025

Youth Employment Services (YES) Programme

- Managed high-volume communication and client support communication, demonstrating professionalism and attention to detail.
- I had to forward queries, to relevant departments. The experience strengthened my accuracy and problem-solving skills.

CERTIFICATES & SHORT-COURSES

- SA & ICH GCP R3 - Good Clinical Practice | Afrileadtech (2025)
- Dialectical Behavioral Therapy Skills - Student Counseling & Development | UFS (2025)
- Quality Work Experience | Yes4Youth (2025)
- COVID-19 Vaccination Certificate (2021)

TECHNICAL & PROFESSIONAL SKILLS

- **Good Clinical Practice:** Trained in SA & ICH-GCP R3, ethical research conduct, participants protecting, and regulatory requirements
- **Good Laboratory Practice & SOP compliance:** I am experienced in adhering to laboratory safety standards, maintaining detailed records, and executing experiments with precision and reliability.
- **Data management:** Skilled in MS Word, Excel, Pp and basic data analysis tools used research and record keeping, analyzing experimental data and presenting findings.
- **Sample Handling:** experienced with Blood, buccal swabs, and other biological materials.
- **Soft Skills:** Team collaboratiom, problem-solving, time management, adaptability, communication.

REFERENCES

Alistair Naidoo | Laboratory Technician, UFS (Department of Genetics)
Phone: 0608555883 | Email: NaidooAW@ufs.ac.za

Zurika Murray | Supervisor & Lecture, UFS (Department of Genetics)
Phone: 0823364382 | Email: MurrayZ@ufs.ac.za

Pule Motlogelwa | Senior Sales Representative, FUNDI
Phone: 0839797185 | Email: pulem@fundi.co.za