



January 2020

GUIDELINES TO APPLICANTS

1. If you meet the requirements, kindly forward a concise CV to The relevant Practitioner/Administrator (Human Resources) by email or logging on to the NHLS career page <https://intranet.nhls.ac.za> (I-Recruitment), quoting the reference number and the job title.
2. Response e-mail addresses of the relevant HR representative are supplied at the end of each regional advert. The onus is on the applicant to ensure that their application has been received. Incomplete applications and applications received after the closing date will not be considered.
3. Any credentials of the contract of employment will be subject to Security clearance, Competency assessments, reference checking, signing of performance contract on appointment, signing of an employment contract on appointment, presentation etc.
4. Proof of registration with a Professional body (e.g. HPCSA, SANC, etc) and other supporting documents should accompany all applications.
5. These positions are open to all employees of the NHLS Including the employees who are on contract in similar or different positions.
6. Correspondence will be limited to shortlisted candidates only.
7. The NHLS is an equal opportunity, affirmative action employer. The filing of posts will be guided by the NHLS employment Equity Targets.
8. Successful applicants will be remunerated on the published scale associated with the grade of the post. This means that the remuneration of an applicant who is successful for a position that is lower than his/her current job grade will be adjusted downward with effect from the date of appointment.
9. External applicants shall be responsible for all expenditure related to attendance of interviews
10. This is an internal bulletin. Only NHLS internal employees are invited to apply. No external applicants will be considered for this round of bulletin.

CLOSING DATE FOR ALL POSITIONS IS THE 04 February 2020



NATIONAL INSTITUTE FOR OCCUPATIONAL HEALTH

BUSINESS UNIT	: NATIONAL INSTITUTE FOR OCCUPATIONAL HEALTH
DISCIPLINE	: TOXICOLOGY AND BIOCHEMISTRY
LOCATION	: BRAAMFONTEIN
POSITION	: MEDICAL SCIENTIST (FIXED TERM CONTRACT: 12 MONTHS)
PAY GRADE	: MSE
REFERENCE NUMBER	: NIOHGRANT0120/001-01

To support the internal operational activities within the Toxicology department, conduct nanoparticle toxicology studies, monitor stock availability and assist in developing Biochemistry and/ or Molecular Cell Biology related methodologies.

Key Job Responsibility

- Maintenance of cell cultures under sterile conditions in accordance with standard operating procedures
- Conduct nanoparticle cytotoxicology research to assess various gene-induction or gene-regulation events via molecular-based methodologies, which are specific for Nanotoxicology
- Conduct nanoparticle genotoxicity research
- Assist with current and new research projects conducted within the department
- Assess nanoparticle uptake by various cell lines
- Interpret laboratory findings and assist in generating publications
- Assist in the development and evaluation of new methods to improve research in occupational toxicology using different techniques to be implemented in Nanotoxicology
- Comply with GLP principles related to maintenance and calibration of instruments/ equipment
- Participate with training activities within the department as required
- Monitor stock availability according to GLP principles
- Comply with policies and procedures of the NHLS, quality assurance, accreditation procedures and safety regulations accordance with Occupational Health and Safety Act (OHS).

Minimum requirements & key competency

- MSc in Molecular Biology/Biochemistry or any other related discipline
- Registration with HPCSA/SACNASP as Medical Scientist in Toxicology Science category (Desirable)
- 2 years' experience in Toxicology/ Biochemistry/ Molecular cell Biology
- 6-12 months laboratory experience in a relevant discipline
- 1-4 years knowledge of general toxicology
- 3-6 months knowledge of safety regulations
- 6-12 months working knowledge of laboratory equipment
- 3 months knowledge of principles of good laboratory practice
- 1-3 working knowledge of accreditation principles
- 3-6 months evidence of national and international collaborative record.

Enquiries may be directed to Zinhle Buthelezi @ 011 885 5404, e-mail application to Recruiter1@nicd.ac.za



BUSINESS UNIT : NATIONAL INSTITUTE FOR OCCUPATIONAL HEALTH
DISCIPLINE : TOXICOLOGY AND BIOCHEMISTRY
LOCATION : BRAAMFONTEIN
POSITION : MEDICAL SCIENTIST (FIXED TERM CONTRACT: 12 MONTHS)
PAY GRADE : MSE
REFERENCE NUMBER : NIOHGRANT0120/001-02

To support the internal operational activities within the Toxicology department, conduct nanoparticle cyto-toxicology studies, monitor stock availability and assist in developing Biochemistry and/ or Cytotoxicity related methodologies.

Key Job Responsibility

■Maintenance of cell cultures under sterile conditions in accordance with standard operating procedures ■Conduct nanoparticle cytotoxicology research using impedance technology specific for Nanotoxicology■Conduct nanoparticle genotoxicity research ■Assist with current and new research projects conducted within the department ■Assess nanoparticle uptake by various cell lines ■Interpret laboratory findings and assist in generating publications ■Assist in the development and evaluation of new methods to improve research in occupational toxicology using different techniques to be implemented in Nanotoxicology ■Comply with GLP principles related to maintenance and calibration of instruments/ equipment ■Participate with training activities within the department as required ■Monitor stock availability according to GLP principles ■Comply with policies and procedures of the NHLS, quality assurance, accreditation procedures and safety regulations accordance with Occupational Health and Safety Act (OHS).

Minimum requirements & key competency

■MSc in Biochemistry/ Chemistry or any other related discipline ■Registration with HPCSA/SACNASP as Medical Scientist in Toxicology Science category (Desirable) ■2 years' experience in Toxicology/ Biochemistry ■6-12 months laboratory experience in a relevant discipline ■1-4 years knowledge of general toxicology ■3-6 months knowledge of safety regulations ■6-12 months working knowledge of laboratory equipment ■3 months knowledge of principles of good laboratory practice ■1-3 working knowledge of accreditation principles ■3-6 months evidence of national and international collaborative record.

Enquiries may be directed to Zinhle Buthelezi @ 011 885 5404, e-mail application to Recruiter1@nicd.ac.za

