

# UNIVERSITY OF MAURITIUS

## VACANCY

Applications are invited from suitably qualified candidates for the post of **Research Assistant (Full-Time)**, to work at the Biomaterials, Drug Delivery and Nanotechnology Unit, Centre for Biomedical and Biomaterials Research (CBBR) under project T740, for a contractual period of twelve (12) months.

### Qualifications Required:

- A degree in microbiology with specialization in human gut microbiome or any other related field.

### Profile

Candidates should:

- Have good research, organization, and communication skills.
- Have progressive experience with proven ability to adapt to new techniques and technologies.
- Have experience in handling nanospinners, scanning electron microscope, confocal microscope, atomic force microscope and a fluorescence microscope.
- Be well versed with advanced chemical synthesis.
- Have substantive experience working on *in vitro* human cell culture.

### Responsibilities & Duties

- To perform advanced chemical synthesis experiments.
- To ensure smooth running of the project using microscopes, nanospinners, particle size analyzers.
- To maintain equipment, laboratory area and supplies in a neat and professional manner.
- To optimize existing procedures for *in vitro* testing.
- To establish protocols for testing cytotoxicity.
- To be involved in the procurement and purchasing of materials/consumables.
- To write up the 6-monthly report.
- The ideal candidate should be able to integrate the team of researchers at the BDDN Unit and liaise with Industry and researchers.
- Any other duty as may be assigned by the Principal Investigator within the project.

### Remuneration

A monthly all-inclusive allowance of Rs 27,400/-, plus salary compensation at approved rates and travelling expenses by bus.

### Duration of Contract

Appointment will be offered for a contractual period of twelve (12) months. The proposed starting date will be 01 November 2024.

### Mode of Application

Letter of application together with a detailed *Curriculum Vitae* and photocopies of qualifications, birth certificate, marriage certificate (if applicable), testimonials and equivalence of qualifications (where applicable) should reach **the Pro-Vice-Chancellor (Academia) (Attention: Principal Investigator: Prof Archana Bhaw-Luximon), University of Mauritius, Réduit**, OR email address [a.luximon@uom.ac.mu](mailto:a.luximon@uom.ac.mu), and copied to [pvcacd@uom.ac.mu](mailto:pvcacd@uom.ac.mu) by **16 October 2024, at latest**.

The envelope should be clearly marked "**Research Assistant for Biomaterials, Drug Delivery and Nanotechnology Unit, CBBR**" on the top right hand corner.

Applications received after the closing date will not be considered. Any previous applicant for the same position need not reapply

The University reserves the right:

- to call for interview only the most appropriately and best qualified applicants
- not to make any appointment as a result of this advertisement.
- to conduct a written/aptitude test as and when required.

**02 October 2024**

**Prof M I Santally**  
**Pro-Vice-Chancellor (Academia)**