



PhD Opportunity with a Full Scholarship in Microbiology and Virology

Professor Mohamed Ezzat El Zowalaty (Metz)
Laboratory of Virology and Microbiology, School of Health Sciences,
has an opportunity for a PhD student for research projects in microbiology and virology.

Interested postgraduate student candidates will work in research areas including molecular diagnostics of viral diseases, zoonotic diseases and pathogen discovery in animals and wildlife, virome and microbiome analysis.

Successful candidates will be offered scholarships for the period of their PhD studies from UKZN and the NRF on successful application and motivation. (The project is supported by international research funds from the US National Institute of Allergy and Infectious Diseases, National Institutes of Health).

Requirements

Masters degree (or equivalent to South African Masters degrees as recognized by SAQA) preferably in microbiology, biomedical sciences or closely related including veterinary and medical sciences including virology and immunology and demonstrated experience in standard microbiological methods and molecular biology, nucleic acid extraction, PCR techniques. Self-motivated, enthusiastic and willing to apply their skills and to learn new skills to tackle important biological problems related to infectious disease. Prior experience working in the biological fields of microbiology, virology or molecular biology. Experience in producing written documents and scientific reports relevant to the communication of laboratory results, including scientific articles, conference abstracts, and progress reports.

Application methods

Interested candidates should send their academic CV/resumes including list of publications and a list of three academic references, and a cover letter via email to Prof. Ezzat El Zowalaty, Associate Research Professor, School of Health Sciences, UKZN, Durban 4000, South Africa.

After the initial screening, only selected successful applicants will be contacted for an interview on campus. International students must hold a SAQA certificate at the time of application. Local and international applicants are welcome to apply.

Applications should be emailed to elzowalaty@ukzn.ac.za