

Prof Kgabo LM Moganedi



Biography

Kgabo Moganedi, a Professor of Microbiology at the University of Limpopo, earned her PhD in Biotechnology from the University of the North (now University of Limpopo) in 2004, in collaboration with the University of Ghent, Belgium. Her academic journey includes an MSc in Microbiology that was funded by the Water Research Commission and the research was conducted at the Center for Scientific and Industrial Research (CSIR).

Kgabo Moganedi practices in both fundamental and applied Microbiology. Her research expertise encompasses Indigenous Knowledge Systems (IKS)-based fermentation studies, and investigations into water quality and human health. Her current research focuses on delineating the microbiological dynamics in morula with an intent to valorise the traditional wine and explore the capability of the wildtype microbiota inherent in the brew. Her overarching goal is to harness indigenous knowledge and bioresources in biotechnological processes to make a positive impact on African communities.

Notably, Kgabo Moganedi and her research team comprising research staff, Post-doctoral fellows, Master's and Ph.D postgraduate students, have transformed morula, an indigenous African wine derived from wild marula fruits, into a refined wine with the support of the University of Limpopo, National Research Foundation, and Technology Innovation Agency. Kgabo has served as the coordinator of the Indigenous Knowledge Systems program at the University of Limpopo since 2016, where she has played a pivotal role in establishing IKS as a flagship research area for the institution and it is currently being integrated into the teaching and learning programmes of the university.