

STAFF PROFILE CONTENT BRIEF

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DESIGNATION

(PROFESSOR)



Title & Name: Prof Tukayi Kudanga

Qualification & Institution: PhD (TUGraz, Austria)

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Campus: Steve Biko Campus

Areas of Expertise: Biocatalysis, Biomaterials

Short Bio: Professor Kudanga joined the Department of Biotechnology and Food Science as Associate Professor in September 2014 and was promoted to Full Professor in December 2018. His areas of expertise include enzyme Biotechnology, biocatalysis and biomaterials. His current research focuses mainly on enzymatic synthesis of bioactive compounds, enzymatic modification of food biopolymers, and development of green technologies for functionalization of lignocellulose materials. He is also interested in the search for novel biocatalysts, developing new applications as well as modifying enzymes for relevant biotechnological applications. Prof Kudanga is a NRF C2 rated researcher.

Academic Interests: Environmental Biotechnology, bioactive compounds, enzymatic functionalisation of biomaterials

Research Links:

ORCID iD: <https://orcid.org/0000-0003-0958-9846>

Scopus Author ID: [56056164600](https://orcid.org/0000-0003-0958-9846)

https://www.researchgate.net/profile/Tukayi_Kudanga