



RHODES UNIVERSITY, MAKHANDA, SOUTH AFRICA

STUDENT INFORMATION



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CONTACT DETAILS:

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EDUCATION DETAILS:

BSc Honours (Chemistry) currently – Rhodes University, Makhanda, Grahamstown
BSc (Chemistry and Geology) 2022 – Rhodes University, Makhanda, Grahamstown

RESEARCH TITLE/PROJECT:

Preparation of water soluble chlorin dyes (structural analogues of porphyrins) to study their potential utility for use as photosensitizer dyes in Photodynamic Therapy (PDT).

CONFERENCES/WORKSHOPS:

DSI/Mintek Nanotechnology Innovation Centre (NIC) Annual Workshop

South African Medical Research Council (MRC), 11-12 October 2023

Poster Presentation

Shakhola E. Sekeleme, Pertunia R. Macigane, John Mack, Tebello Nyokong

4-Bromo-thien-2-yl-substituted porphyrin, chlorin and bacteriochlorin photosensitizer dyes and their gold nanoparticle conjugates for photodynamic antimicrobial chemotherapy