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South African Grape and Wine Research Institute
Suid-Afrikaanse Wingerd-en-Wyn
Navorsingsinstituut

..... 2022

POSTGRADUATE OPPORTUNITY AVAILABLE AT THE SOUTH AFRICAN GRAPE AND WINE RESEARCH INSTITUTE (SAGWRI) FOR 2023

The following project is available for a ...MSc.....-level study from 2022, for a suitable student with ...Microbiology or Botany... background.

Project Title: Evaluating the potential of combined microbial consortia and seaweed extracts in promoting plant growth and disease resistance

Project description: Microbial inoculants e.g. Rhizobia have long been used in crop production. Nowadays, numerous single-strain inoculants with biofertilizer functions are commercially available. However, there is growing interest in using combination products based on microbial and non-microbial biostimulants or microbial consortia to exploit their complementary or synergistic interactions. This study, aims to explore the biostimulation and biocontrol potential of microbial consortia comprising yeast strains, bacterial strains or yeast and bacterial strains derived from species already shown to have plant growth promoting activities. The influence of such consortia on plant growth and disease resistance, will be tested alone and in combination with seaweed extracts.

Contact person for the project: Evodia Setati

Please send a CV, as well as a cover letter to ...setati@sun.ac.za.... by ...30 September 2022..... to indicate your interest in this opportunity.

General contacts for SAGWRI:

Prof MA Vivier: Interim Director of SAGWRI

mav@sun.ac.za

Ms Lorette de Villiers: Postgraduate Admin officer

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