

Class of 2021

Robyn WHITE (Class representative)



e-Mail: 21689237@sun.ac.za

Supervisor: Dr Sadie-van Gijzen

Co-supervisor: Dr Kotzé-Hörstmann

Collaborator: Dr van Jaarsveld

Project: The Effects of Two Obesogenic Diets and a Green Rooibos Extract on Intracellular Fatty Acid Profiles and Metabolic Gene Expression in Rat Adipose Stem Cells.

Robin BOWDEN



e-Mail: 21725454@sun.ac.za

Supervisor(s): Dr Sylvia Riedel-van Heerden (MRC)

Project: Immunoglobulin A and Tight Junction Protein Expression in the Colon of Type II Diabetic Mice.

Yushra DINNIE



e-Mail: 22127704@sun.ac.za

Supervisor(s): Prof H Strijdom

Co-Supervisor(s): Dr F Kamau and Dr F Everson

Project: Investigating temporal changes in body composition and the role of HIV-related parameters in an HIV-infected Western Cape population.

Hannah FOKKENS



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Supervisor(s): Prof R Johnson (MRC)

Project: Evaluating ACE and AGT gene polymorphisms contributing to hypertension in an African population.

Corné GROBLER



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Supervisor(s): Prof B Huisamen

Project: The effect of Afriplex GRT on Sestrin 2 associated signalling in the insulin resistant hearts of rats.

Barend GROENEWALD



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Supervisor(s): Dr N Chellan (MRC)

Co-Supervisor: Dr Yonela Ntamo (MRC)

Project: Characterising an in vitro predictive hepatotoxicity model.

Velmein HENDRIKS



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Supervisor(s): Dr E Marais

Project: Epac activation in fatty acid induced endothelial dysfunction (ED) cell model: A mechanistic approach.

Dr Steve JACOBS



e-Mail: 17184266@sun.ac.za

Supervisor(s): Dr G Maarman

Project: Investigating the involvement of pro-inflammatory, cardiac damage, and endothelial dysfunction markers in the progression of tuberculosis to pulmonary arterial hypertension.

Nicola LOUW



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Supervisor(s): Dr B Skosana

Project: The effects of MDMA (3,4-Methylenedioxyamphetamine) on human sperm parameters.

Timony MILLER



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Supervisor(s): Dr M Blignaut

Project: Characterising an in vitro hyperglycemic cardiomyoblast model (HgC2) with GRT and E1-CHA rooibos extracts.

Yashthi RAMSUNDER



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Supervisor(s): Dr B Skosana

Project: Comparing the effects of Labetalol and Nifedipine on human sperm parameters in vitro.

Erin ROBSON



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Supervisor(s): Dr S Windvogel

Project: Investigating the effects of green rooibos (*Aspalathus linearis*) extracts on liver antioxidant status in diet-induced obese male Wistar rats.

Sara SHABOODIEN



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Supervisor(s): Dr G Maarman and Dr E Marais

Project: Investigating the involvement of oxidative stress and overall antioxidant status in Rooibos induced cardioprotection.

Cornél VLOK



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Supervisor(s): Dr G Maarman and Dr E Marais

Project: Investigating the effects of Rooibos on mitochondrial bioenergetics and metabolism in a cardiomyoblast model of angiotensin-II induced hypertrophy and apoptosis.

Aimee WELMANS



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Supervisor(s): Dr L Qulu and Dr M Blinaut

Project: Investigating gender-based differences to anaesthesia and associated stress-responses.