

## Cancer Research Publications by Stellenbosch University Staff in Peer-Reviewed Journals 2021

### Faculty of AgriSciences

#### Department of Food Science

Samodien S, Kock MD, **Joubert E**, Swanevelder S, Gelderblom WCA. Differential cytotoxicity of rooibos and green tea extracts against primary rat hepatocytes and human liver and colon cancer cells—causal role of major flavonoids. *Nutrition and Cancer* 2021; **73**: 2050–64. DOI: [10.1080/01635581.2020.1820054](https://doi.org/10.1080/01635581.2020.1820054)

### Faculty of Arts and Social Sciences

#### Centre for Research on Evaluation, Science and Technology (CREST)

**Guenther L**, Gaertner M, Zeitz J. Framing as a concept for health communication: a systematic review. *Health Communication* 2021; **36**: 891–9. DOI: [10.1080/10410236.2020.1723048](https://doi.org/10.1080/10410236.2020.1723048)

#### Department of Psychology

Gallagher-Squires C, **Roomaney R**, **Kagee A**. Cognitive coping strategies of South African women in breast cancer care. *South African Journal of Psychology* 2021; **51**: 485–95. DOI: [10.1177/0081246320961761](https://doi.org/10.1177/0081246320961761)

**Smit A**, Swartz L, Bantjes J, **Roomaney R**, **Coetzee B**. Moving beyond text-and-talk in qualitative health research: methodological considerations of using multiple media for data collection. *Qualitative Health Research* 2021; **31**: 600–14. DOI: [10.1177/1049732320976556](https://doi.org/10.1177/1049732320976556)

**Smit A**, **Coetzee B**, **Roomaney R**, Swartz L. Understanding the subjective experiences of south African women with recurrent breast cancer: A qualitative study. *Journal of Health Psychology* 2021. DOI: [10.1177/13591053211002236](https://doi.org/10.1177/13591053211002236).

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### Stellenbosch Institute for Advanced Study (STIAS)

Bailey C, Gupta S, Metierre C, *et al.* Structure-function relationships explain CTCF zinc finger mutation phenotypes in cancer. *Cellular and Molecular Life Sciences* 2021; **78**: 7519–36. DOI: [10.1007/s00018-021-03946-z](https://doi.org/10.1007/s00018-021-03946-z)

Jalili M, Scharm M, **Wolkenhauer O**, Damaghi M, Salehzadeh-Yazdi A. Exploring the metabolic heterogeneity of cancers: a benchmark study of context-specific models. *Journal of Personalized Medicine* 2021; **11**: 496. DOI: [10.3390/jpm11060496](https://doi.org/10.3390/jpm11060496)

### Faculty of Medicine and Health Science

#### Department of Biomedical Sciences

Moyo SM, Serem JC, Bester MJ, **Mavumengwana V**, Kayitesi E. African green leafy vegetables health benefits beyond nutrition. *Food Reviews International* 2021; **37**: 601–18. DOI: [10.1080/87559129.2020.1717519](https://doi.org/10.1080/87559129.2020.1717519)

Samodien E, **Abrahams Y**, Muller C, Louw J, Chellan N. Non-communicable diseases - A catastrophe for South Africa. *South African Journal of Science* 2021; **117**. DOI: [10.17159/SAJS.2021/8638](https://doi.org/10.17159/SAJS.2021/8638)

**Sangweni N**, Dlodla P, **Chellan N**, Mabasa L, Sharma J, **Johnson R**. The implication of low dose dimethyl sulfoxide on mitochondrial function and oxidative damage in cultured cardiac and cancer cells. *Molecules* 2021; **26**: 7305. DOI: [10.3390/molecules26237305](https://doi.org/10.3390/molecules26237305)

**Willmer T**, Damerell V, Smyly S, *et al.* Targeting the oncogenic TBX3: nucleolin complex to treat multiple sarcoma subtypes. *American Journal of Cancer Research* 2021; **11**: 5680–700.

Yoon S, Wang X, Vongpunsawad S, Tromp G, **Kuivaniemi H**. Editorial: FDA-Approved drug repositioning for P-glycoprotein overexpressing resistant cancer. *Frontiers in Oncology* 2021; **11**. DOI: [10.3389/fonc.2021.632657](https://doi.org/10.3389/fonc.2021.632657)

## Department of Global Health

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**van Schalkwyk C**, Moodley J, Welte A, Johnson L. Modelling the impact of prevention strategies on cervical cancer incidence in South Africa. *International Journal of Cancer* 2021; **149**: 1564–75. DOI: [10.1002/ijc.33716](https://doi.org/10.1002/ijc.33716)

#### Department of Interdisciplinary Health Sciences

Ahmed F, **Onwumeh-Okwundu J**, Yukselen Z, *et al.* Atezolizumab plus bevacizumab versus sorafenib or atezolizumab alone for unresectable hepatocellular carcinoma: A systematic review. *World Journal of Gastrointestinal Oncology* 2021; **13**: 1813–32. DOI: [10.4251/wjgo.v13.i11.1813](https://doi.org/10.4251/wjgo.v13.i11.1813)

#### Department of Medicine

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**Tod B**, Visser W, de Wet J, *et al.* Clinicopathological features and associations in a series of South African acral melanomas. *Pigment Cell and Melanoma Research* 2021; **34**: 1120–2. DOI: [10.1111/pcmr.13003](https://doi.org/10.1111/pcmr.13003)

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**Kleynhans J,** Satheke M, Ebenhan T. Obstacles and recommendations for clinical translation of nanoparticle system-based targeted alpha-particle therapy. *Materials* 2021; **14**: 4784. DOI: [10.3390/ma14174784](https://doi.org/10.3390/ma14174784)

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## Department of Obstetrics and Gynaecology

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## Department of Pathology

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## Department of Paediatrics and Child Health

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