

CANCER RESEARCH PUBLICATIONS IN PEER-REVIEWED JOURNALS BY STELLENBOSCH UNIVERSITY STAFF 2018

FACULTY OF MEDICINE AND HEALTH SCIENCES

1. DEPARTMENT OF PATHOLOGY

- Ali, A. T. (2018). Fertility drugs and ovarian cancer. *Current Cancer Drug Targets*, 18(6), 567–576.
- Ali, A. T. (2018). Towards prevention of ovarian cancer. *Current Cancer Drug Targets*, 18(6), 522–537.
- De Wet, J., Tod, B., Visser, W. I., Jordaan, H. F., & Schneider, J. W. (2018). Clinical and pathological features of acral melanoma in a South African population: A retrospective study. *South African Medical Journal*, 108(9), 777–781.
- Dlodla, P. V., Nkambule, B. B., Jack, B., Mkandla, Z., Mutize, T., Silvestri, S., Orlando, P., Tiano, L., Louw, J., & Mazibuko-Mbeje, S. E. (2018). Inflammation and oxidative stress in an obese state and the protective effects of gallic acid. *Nutrients*, 11(1), 23.
- Grewal, R., Irimie, A., Naidoo, N., Mohamed, N., Petrushev, B., Chetty, M., Tomuleasa, C., & Abayomi, E. A. (2018). Hodgkin's lymphoma and its association with EBV and HIV infection. *Critical Reviews in Clinical Laboratory Sciences*, 55(2), 102–114.
- Mbulawa, Z. Z., Van Schalkwyk, C., Hu, N. C., Meiring, T. L., Barnabas, S., Dabee, S., Jaspan, H., Kriek, J. M., Jaumdally, S. Z., Muller, E., Bekker, L. G., Lewis, D. A., Dietrich, J., Gray, G., Passmore, J. S., & Williamson, A. (2018). High human papillomavirus (HPV) prevalence in South African adolescents and young women encourages expanded HPV vaccination campaigns. *PLoS ONE*, 13(1), e0190166.
- Menezes, L. J., Pokharel, U., Sudenga, S. L., Botha, M. H., Zeier, M., Abrahamsen, M. E., Glashoff, R. H., Engelbrecht, S., Schim van der Loeff, M. F., Van der Laan, L. E., Kipping, S., Taylor, D., & Guiliano, A. R. (2018). Patterns of prevalent HPV and STI co-infections and associated factors among HIV-negative young Western Cape, South African women: The EVRI trial. *Sexually Transmitted Infections*, 94(1), 55–61.
- Naidoo, N., Abayomi, A., Locketz, C., Musaiqwa, F., & Grewal, R. (2018). Incidence of Hodgkin lymphoma in HIV-positive and HIV-negative patients at a tertiary hospital in South Africa (2005-2016) and comparison with other African countries. *South African Medical Journal*, 108(7), 563–567.
- Van Wyk, A. C., Van Zyl, H., & Rigby, J. (2018). Colonic perineurioma (benign fibroblastic polyp): Case report and review of the literature. *Diagnostic Pathology*, 13(1), 16.

2. DEPARTMENT OF PAEDIATRICS AND CHILD HEALTH

- De Wilde, C., Du Plessis, A.-M., & Goussard, P. (2018). Unusual presentation of pulmonary hydatidosis mimicking thoracic malignancy in a paediatric South African patient. *Journal of the Belgian Society Of Radiology*, 102(1), 70.
- Green, L.-L., Goussard, P., Van Zyl, A., Kidd, M., & Kruger, M. (2018). Predictive indicators to identify high-risk paediatric febrile neutropenia in paediatric oncology patients in a middle-income country. *Journal of Tropical Pediatrics*, 64(5), 395–402.
- Israels, T., Paintsil, V., Nyirenda, D., Kouya, F., Mbah Afungchwi, G., Hesseling, P., Tump, C., Kaspers, G., Burns, L., Singh Arora, R., Chagaluka, G., Nana, P., Renner, L., & Molyneux, E.

(2018). Improved outcome at end of treatment in the collaborative Wilms tumour Africa project. *Pediatric Blood and Cancer*, 65(5), e26945.

- Schoeman, J., Ladas, E. J., Rogers, P. C., Aryal, S., & Kruger, M. (2018). Unmet needs in nutritional care in African paediatric oncology units. *Journal of Tropical Pediatrics* 65(4), 397–404.

3. DEPARTMENT OF MEDICINE

- Fitzgerald, D. B., Koegelenberg, C. F., Yasufuku, K., & Lee, Y. G. (2018). Surgical and non-surgical management of malignant pleural effusions. *Expert Review of Respiratory Medicine*, 12(1), 15–26.
- Koegelenberg, C. F. N., & Allwood, B. W. (2018). The optimal management of malignant pleural effusion: Steady progress towards an evidence-based approach. *Respiration*, 96(6), 497–499.
- Koegelenberg, C. F. N., Bennji, S. M., Boer, E., Schubert, P. T., Shaw, J. A., Allwood, B. W., & Irusen, E. M. (2018). The current aetiology of malignant pleural effusion in the Western Cape Province, South Africa. *South African Medical Journal*, 108(4), 275–277.
- Koegelenberg, C. F. N., Shaw, J. A., Irusen, E. M., & Lee, Y. C. G. (2018). Contemporary best practice in the management of malignant pleural effusion. *Therapeutic Advances in Respiratory Disease*, 12, 1753466618785098.
- Shaw, J. A., & Koegelenberg, C. F. N. (2018). Malignant pleural effusions: Mistletoe spray instead of talc poudrage? *Respiration*, 95(3), 143–144.
- Van Deventer, L., Kannenberg, S. M., & Du Toit, J. (2018). Vitamin D status in adult patients with nonmelanoma skin cancer in Cape Town, South Africa: a cross-sectional study. *International Journal of Dermatology*, 57(8), 922–927.

4. DEPARTMENT OF GLOBAL HEALTH

- Hamman, B., Chinhengo, A., Serafin, A., Sewram, V., & Akudugu, J. (2018). Radiomodifying effects of *Centella asiatica* and *Withania somnifera*. *Journal of Herbs, Spices and Medicinal Plants*, 24(3), 221–228.
- Holmes, M. D., Dalal, S., Sewram, V., Diamond, M. B., Adebamowo, S. N., Ajayi, I. O., Adebamowo, C., Chiwanga, F. S., Njelekela, M., Volmink, J., Bajunirwe, F., Nankya-Mutyoba, J., Guwatudde, D., Reid, T. G., Willet, W. C., Adami, H. O., & Fung, T. T. (2018). Consumption of processed food dietary patterns in four African populations. *Public Health Nutrition*, 21(8), 1529–1537.
- Naidoo, D. B., Chuturgoon, A. A., Phulukdaree, A., Guruprasad, K. P., Satyamoorthy, K., & Sewram, V. (2018). *Withania somnifera* modulates cancer cachexia associated inflammatory cytokines and cell death in leukaemic THP-1 cells and peripheral blood mononuclear cells (PBMC's). *BMC Complementary and Alternative Medicine*, 18(1), 126.
- Shaik, F., Uldrick, T. S., Esterhuizen, T., & Mosam, A. (2018). Health-related quality of life in patients treated with antiretroviral therapy only versus chemotherapy and antiretroviral therapy for HIV-associated Kaposi sarcoma: A randomized control trial. *Journal of Global Oncology*, 4, 1–9.
- Yennurajalingam, S., Rodrigues, L. F., Shamieh, O. M., Tricou, C., Filbet, M., Naing, K., Ramaswamy, A., Perez-Cruz, P. E., Bautista, M. J. S., Bunge, S., Muckaden, M., Fakrodeen, S., Sewram, V., Noguera-Tejedor, A. N., Rao, S. S., Williams, J. L., Liu, D. D., Park, M., Lu, Z., Cantu, H., Hui, D., Reddy, S. K., & Bruera, E. (2018). Decisional control preferences among

patients with advanced cancer: An international multicenter cross-sectional survey. *Palliative Medicine*, 32(4), 870–880.

- Yennurajalingam, S., Rodrigues, L. F., Shamieh, O., Tricou, C., Filbet, M., Naing, K., Ramaswamy, A., Perez-Cruz, P. E., Bautista, M. J., Bunge, S., Muckaden, M., Sewram, V., Fakrodeen, S., Noguera-Tejedor, Rao, S. S., Liu, D., Park, M., Williams, J. L., Lu, Z., Cantu, H., Hui, D., Reddy, S. K., & Bruera, E. (2018). Perception of curability among advanced cancer patients: An international collaborative study. *The Oncologist*, 23(4), 501–506.

5. DEPARTMENT OF MEDICAL IMAGING AND CLINICAL ONCOLOGY

- Barnardt, P., & Griffith-Richards, S. (2018). Ovarian germ cell tumour and bleomycin-induced lung injury. *Southern African Journal of Gynaecological Oncology*, 10(2), 30–33.
- Court, L. E., Kisling, K., McCarroll, R., Zhang, L., Yang, J., Simonds, H., Du Toit, M., Trauernick, C., & Beadle, B. (2018). Radiation planning assistant - a streamlined, fully automated radiotherapy treatment planning system. *Jove-Journal of Visualized Experiments*, 134.
- Dondi, M., Paez, D., Torres, L., Marengo, M., Delaloye, A. B., Solanki, K., Van Zyl Ellmann, A., Lobato, E. E., Nunez-Miller, R., Giammarile, F., & Pascual, T. (2018). Implementation of quality systems in nuclear medicine: Why it matters. An outcome analysis (Quality Management Audits in Nuclear Medicine Part III). *Seminars in Nuclear Medicine*, 48(3), 299–306.
- Fourie, I., & Simonds, H. M. (2018). A retrospective analysis of the effect of planning tumour volume on survival in cervical carcinoma. *Southern African Journal of Gynaecological Oncology*, 10(2), 25–29.
- Heunis, M., Lombe, D. C., & McCaul, M. (2018). Retrospective analysis of radiotherapy outcomes in breast cancer radiotherapy at a single institution. *Southern African Journal of Gynaecological Oncology*, 10(1), 1–4.
- Lawal, I., Louw, L., Warwick, J., Nyakale, N., Steyn, R., Lengana, T., Ellmann, A., Kotze, T., Vangu, M., Vorster, M., & Sathekge, M. (2018). The College of Nuclear Physicians of South Africa practice guidelines on peptide receptor radionuclide therapy in neuroendocrine tumours. *South African Journal of Surgery*, 56(3), 55–64.
- Maharaj, M., & Korowlay, N. (2018). The association of human immunodeficiency virus and skeletal metastases in breast cancer using Tc-99m methyl diphosphonate bone scan. *World Journal of Nuclear Medicine*, 17(3), 178–181.
- Malherbe, S. T., Dupont, P., Kant, I., Ahlers, P., Kriel, M., Loxton, A. G., Chen, R. Y., Via, L. E., Thienemann, F., Wilkinson, R. J., Barry III, C. E., Griffith-Richards, S., Ellman, A., Ronacher, K., Winter, J., Walzl, G., Warwick, J. M., & Consortium, C. B. (2018). A semi-automatic technique to quantify complex tuberculous lung lesions on F-18-fluorodeoxyglucose positron emission tomography/computerised tomography images. *EJNMMI Research*, 8.
- McCarroll, R. E., Beadle, B. M., Balter, P. A., Burger, H., Cardenas, C. E., Dalvie, S., Followill, D. S., Kisling, K. D., Mejia, M., Naidoo, K., Nelson, C. L., Peterson, C. B., Vorster, K., Wetter, J., Zhang, L., Court, L., & Yang, J. (2018). Retrospective validation and clinical implementation of automated contouring of organs at risk in the head and neck: A step toward automated radiation treatment planning for low- and middle-income countries. *Journal of Global Oncology*, 4.
- Morkel, M., Ellmann, A., Warwick, J., & Simonds, H. (2018). Evaluating the role of F-18 fluorodeoxyglucose positron emission tomography/computed tomography scanning in the staging of patients with stage IIIB cervical carcinoma and the impact on treatment decisions. *International Journal of Gynecological Cancer*, 28(2), 379–384.

- Onimode, Y. A., Dairo, D. M., & Ellmann, A. (2018). Pattern of presentation of Graves' disease and response to radioiodine therapy in South African men. *The Pan African Medical Journal*, 29, 48.
- Serafin, A. M., Chinhengo, A., Fernandez, P., & Akudugu, J. M. (2018). The malignancy index in plasma samples as a prostate cancer biomarker. *Discovery Medicine*, 25(139), 235–242.
- Simonds, H. M., Botha, M. H., Neugut, A. I., Van der Merwe, F. H., & Jacobson, J. S. (2018). Five-year overall survival following chemoradiation among HIV-positive and HIV-negative patients with locally advanced cervical carcinoma in a South African cohort. *Gynecologic Oncology*, 151(2), 215–220.
- Wedman, J., Pruijm, J., Van der Putten, L., Hoekstra, O. S., De Bree, R., Van Dijk, B. A., & Van der Laan, B. F. (2019). Is C-11 methionine PET an alternative to 18-F FDG-PET for identifying recurrent laryngeal cancer after radiotherapy? *Clinical Otolaryngology*, 44(2), 124–130.
- Wondergem, M., Van der Zant, F. M., Knol, R. J., Burgers, A. M. G., Bos, S. D., De Jong, I. J., & Pruijm, J. (2018). 99mTc-HDP bone scintigraphy and 18F-sodiumfluoride PET/CT in primary staging of patients with prostate cancer. *World Journal of Urology*, 36(1), 27–34.

6. DEPARTMENT OF SURGICAL SCIENCES

- Andrews, C., Fortier, B., Hayward, A., Lederman, R., Petersen, L., McBride, J., Petersen, D. C., Ajayi, O., Paidamoyo, K., Seutloali, M., Shoko, A., Mokhosi, M., Hiller, R., Adams, M., Ongaco, C., Pugh, E., Romm, J., Shelford, T., Chinegwundoh, F., Adusei, B., Mante, S., Snyder, N. Y., Agalliu, I., Lounsbury, D. W., Rohan, T., Orfanos, A., Quintana, Y., Jacobson, J. S., Nuegut, A. I., Gelmann, E., Lachance, J., Dial, C., Diallo, T. A., Jalloh, M., Gueye, S. M., Sene Kane, P. M., Diop, H., Ndiaye, A., Sall, A. S., Toure-Kane, N. C., Onyemata, E., Abimiku, A., Adjei, A. A., Biritwum, R., Gyasi, R., Kyei, M., Mensah, J. E., Okine, J., Okyne, V., Rockson, I., Tay, E., Tettey, Y., Yeboah, E., Chen, W. C., Singh, E., Cook, M. B., Duffy, C. N., Hsing, A., Soo, C. C., Fernandez, P., Irusen, H., Aisuodionoe-Shadrach, O., Jamda, A. M., Olabode, P. O., Nwegbu, M. M., Ajibola, O. H., Ajamu, O. J., Ambuwa, Y. G., Adebisi, A. O., Asuzu, M., Ogunbiyi, O., Makinde, I., Joffe, M., Pentz, A., & Rebbeck, T. R. (2018). Development, evaluation, and implementation of a pan-African cancer research network: Men of African descent and carcinoma of the prostate. *Journal of Global Oncology*, 4, 1–14.
- Bernon, M. M., Shaw, J., Burmeister, S., Chinnery, G., Hofmeyr, S., Kloppers, J. C., Jonas, E., & Krige, J. E. (2018). Distal malignant biliary obstruction: A prospective randomised trial comparing plastic and uncovered self-expanding metal stents in the palliation of symptomatic jaundice. *South African Journal Of Surgery*, 56(1), 30–34
- Coetzee, W. C., Apffelstaedt, J. P., Zeeman, T., & Du Plessis, M. (2018). Disparities in breast cancer: Private patients have better outcomes than public patients. *World Journal of Surgery*, 42(3), 727–735.
- Mantica, G., Benelli, A., Ackermann, H., Nxumalo, Z., Solaiman, A., Dotta, F., Van der Merwe, A., & Terrone, C. (2019). Clinical and histopathological features of carcinosarcoma of the renal pelvis: A systematic review of a rare tumor. *The Italian Journal of Urology and Nephrology*, 71(2), 121–126.
- Mantica G, Simonato, A., Du Plessis, D. E., Maffezzini, M., De Rose, A. F., Van der Merwe, A., & Terrone, C. (2018). The pathologist's role in the detection of rare variants of bladder cancer and analysis of the impact on incidence and type detection. *The Italian Journal of Urology and Nephrology*, 70(6), 594–597.
- Odiaka, E., Lounsbury, D. W., Jalloh, M., Adusei, B., Diallo, T. A., Kane, P. M. S., Rockson, I., Okyne, V., Irusen, H., Pentz, A., Makinde, I., Ajibola, O. H., Petersen, L., McBride, J., Petersen,

D. C., Mante, S., Agalliu, I., Adebisi, A. O., Popoola, O., Yeboah, E., Mensah, J. E., Hsing, A., Fernandez, P., Aisuodionoe-Shadrach, O., Joffe, M., Singh, E., Gueye, S. M., Quintana, Y., Fortier, B., Rebbeck, T. R., & Andrews, C. (2018). Effective project management of a pan-African cancer research network: Men of African descent and carcinoma of the prostate (MADCaP). *Journal of Global Oncology*, 4, 1–12.

7. DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

- Botha, M. H., Rajaram, S., & Karunaratne, K. (2018). Cancer in pregnancy. *International Journal of Gynecology & Obstetrics*, 143, 137–142.
- Tsuari, M., Siebert, I., & Soeters, R. (2018). A rare case of a synchronous endometrioid adenocarcinoma of the ovary and of eutopic endometrium in a patient with endometriosis. *Journal of Endometriosis and Pelvic Pain Disorders*, 10(1), 32–35.

8. DEPARTMENT OF FAMILY AND EMERGENCY MEDICINE

- Matenge, T. G., & Mash, B. (2018). Barriers to accessing cervical cancer screening among HIV positive women in Kgatleng district, Botswana: A qualitative study. *PLoS ONE*, 13(10), 205425.

FACULTY OF SCIENCE

1. DEPARTMENT OF PHYSIOLOGICAL SCIENCES

- Bhat, P., Kriel, J., Priya, B.S., Shivananju, N. S., & Loos, B. (2018). Modulating autophagy in cancer therapy: Advancements and challenges for cancer cell death sensitization. *Biochemical Pharmacology*, 147, 170–182.
- Davis, T., Van Niekerk, G., Peres, J., Prince, S., Loos, B., & Engelbrecht, A.-M. (2018). Doxorubicin resistance in breast cancer: A novel role for the human protein AHNAK. *Biochemical Pharmacology*, 148, 174–183.
- Du Toit, A., De Wet, S., Hofmeyr, J. H., Mueller-Nedebock, K. K., & Loos, B. (2018). The precision control of autophagic flux and vesicle dynamics – A micropattern approach. *Cells*, 7(8), e94.
- Govender, J., Loos, B., Marais, E., & Engelbrecht, A.-M. (2018). Melatonin improves cardiac and mitochondrial function during doxorubicin-induced cardiotoxicity: A possible role for peroxisome proliferator-activated receptor gamma coactivator 1-alpha and sirtuin activity? *Toxicology and Applied Pharmacology*, 358, 86–101.
- Kriel, J., Mueller-Nedebock, K., Maarman, G., Mbizana, S., Ojuka, E., Klumperman, B., & Loos, B. (2018). Coordinated autophagy modulation overcomes glioblastoma chemoresistance through disruption of mitochondrial bioenergetics. *Scientific Reports*, 8.
- Mentoer, I., Engelbrecht, A.-M., & Nell, T. (2019). Fatty acids: Adiposity and breast cancer chemotherapy, a bad synergy? *Prostaglandins, Leukotrienes, and Essential Fatty Acids*, 140, 18–33.
- Mentoer, I., Engelbrecht, A.-M., Van Jaarsveld, P. J., & Nell, T. (2018). Chemoresistance: Intricate interplay between breast tumor cells and adipocytes in the tumor microenvironment. *Frontiers in Endocrinology*, 9, 758.
- Oyenih, O. R., Krygsman, A., Verhoog, N., De Beer, D., Saayman, M. J., Mouton, T. M., & Louw, A. (2018). Chemoprevention of LA7-induced mammary tumor growth by SM6Met, a well-characterized cyclopia extract. *Frontiers in Pharmacology*, 9, 650.

- Van Niekerk, G., & Engelbrecht, A.-M. (2018). Role of PKM2 in directing the metabolic fate of glucose in cancer: A potential therapeutic target. *Cellular Oncology (2211-3428)*, 41(4), 343–351.
- Thomas, M., Davis, T., Loos, B., Sishi, B., Huisamen, B., Strijdom, H., & Engelbrecht, A.-M. (2018). Autophagy is essential for the maintenance of amino acids and ATP levels during acute amino acid starvation in MDAMB231 cells. *Cell Biochemistry and Function*, 36(2), 65–79.

2. DEPARTMENT OF MICROBIOLOGY

- Bredell, H., Smith, J. J., Gorgens, J. F., & Van Zyl, W. H. (2018). Expression of unique chimeric human papilloma virus type 16 (HPV-16) L1-L2 proteins in *Pichia pastoris* and *Hansenula polymorpha*. *Yeast*, 35(9), 519–529.

3. DEPARTMENT OF BIOCHEMISTRY

- Africander, D., & Storbeck, K.-H. (2018). Steroid metabolism in breast cancer: Where are we and what are we missing? *Molecular & Cellular Endocrinology*, 466, 86–97.
- Barnard, M., Quanson, J. L., Mostaghel, E., Pretorius, E., Snoep, J. L., & Storbeck, K.-H. (2018). 11-Oxygenated androgen precursors are the preferred substrates for aldo-keto reductase 1C3 (AKR1C3): Implications for castration resistant prostate cancer. *The Journal of Steroid Biochemistry and Molecular Biology*, 183, 192–201.
- Burger, H.-M., Abel, S., & Gelderblom, W. C. A. (2018). Modulation of key lipid raft constituents in primary rat hepatocytes by fumonisin B1 – Implications for cancer promotion in the liver. *Food & Chemical Toxicology*, 115, 34–41.
- Du Toit, T., & Swart, A. C. (2018). Inefficient UGT-conjugation of adrenal 11beta-hydroxyandrostenedione metabolites highlights C11-oxy C19 steroids as the predominant androgens in prostate cancer. *Molecular and Cellular Endocrinology*, 461, 265–276.
- Perkins, M. S., Louw-Du Toit, R., & Africander, D. (2018). Hormone therapy and breast cancer: Emerging steroid receptor mechanisms. *Journal of Molecular Endocrinology*, 61(4), 133–160.

4. DEPARTMENT OF MATHEMATICS

- Abiodun, G. J., Okosun, K. O., & Makinde, O. D. (2018). A cancer and hepatitis co-infection model. *International Journal of Ecological Economics & Statistics*, 39(3), 1–14.
- Aogo, R., & Nyabadza, F. (2018). Modelling the dynamics of HIV-related non-Hodgkin lymphomas in the presence of HIV treatment and chemotherapy. *Mathematical Methods in the Applied Sciences*, 41(18, SI), 8385–8406.
- Malinzi, J., & Amima, I. (2019). Mathematical analysis of a tumour-immune interaction model: A moving boundary problem. *Mathematical Biosciences*, 308, 8–19.

5. DEPARTMENT OF CHEMISTRY AND POLYMER SCIENCE

- Bleloch, J., Ballim, R., Aliwaini, S., Blanckenberg, A., Mapolie, S., Kimani, S., & Prince, S. (2018). A novel palladacycle complex with anticancer activity against breast cancer and melanomas also exhibits potent cytotoxicity in a range of sarcomas. *Clinical Cancer Research*, 24(2, S), 52.
- Hussain, H., Csuk, R., Green, I. R., Rehman, N. U., Abbas, G., & Hussain, W. (2018). Journey describing the cytotoxic potential of withanolides: A patent review. *Recent Patents on Anti-Cancer Drug Discovery*, 13(4), 411–421.

- Hussain, H., Green, I. R., Saleem, M., Khattak, K. F., Irshad, M., & Ali, M. (2018). Cucurbitacins as anticancer agents: A patent review. *Recent Patents on Anti-Cancer Drug Discovery* 14(2):133–143.
- Hussain, H., Green, I. R., Shamraiz, U., Saleem, M., Badshah, A., Abbas, G., Ur Rehman, N., & Irshad, M. (2018). Therapeutic potential of glycyrrhetic acids: A patent review (2010-2017). *Expert Opinion on Therapeutic Patents*, 28(5), 383–398.
- Pellegrino, S., Meyer, M., Zorbas, C., Bouchta, S. A., Saraf, K., Pelly, S. C., Yusupova, G., Evidente, A., Mathieu, V., Kornienko, A., Lafontaine, D. L. J., & Yusupov, M. (2018). The Amaryllidaceae alkaloid haemanthamine binds the eukaryotic ribosome to repress cancer cell growth. *Structure*, 26(3), 416–425.e4.
- Van der Westhuyzen, A. E., Frolova, L. V., Kornienko, A., & Van Otterlo, W. A. L. (2018). The rigidins: Isolation, bioactivity, and total synthesis-novel pyrrolo[2,3-d]pyrimidine analogues using multicomponent reactions. *The Alkaloids. Chemistry and Biology*, 79, 191–220.

6. CENTRAL ANALYTIC FACILITY

- Chang, E., Patel, C. B., Pohling, C., Young, C., Song, J., Flores, T. A., Zeng, Y., Joubert, L. M., Arami, H., Natarajan, A., Sinclair, R., & Gambhir, S. S. (2018). Tumor treating fields increases membrane permeability in glioblastoma cells. *Cell Death Discovery*, 4, 113.

FACULTY OF EDUCATION

1. DEPARTMENT OF CURRICULUM STUDIES

- Hopwood, P., & Hopwood, N. (2019). New challenges in psycho-oncology: An embodied approach to body image. *Psycho-Oncology*, 28(2), 211–218.

FACULTY OF ARTS AND SOCIAL SCIENCES

1. DEPARTMENT OF PSYCHOLOGY

- Kagee, A., Roomaney, R., & Knoll, N. (2018). Psychosocial predictors of distress and depression among South African breast cancer patients. *Psycho-Oncology*, 27(3), 908–914.

2. DEPARTMENT OF SOCIAL WORK

- Slabbert, I., & Steenkamp, T. (2018). Perceptions of social workers on the needs of families where a child has been diagnosed with cancer. *Tydskrif vir Geesteswetenskappe*, 58(3), 567–584.
- Steyn, H., & Green, S. (2018). Surviving a laryngectomy: The views of post-operative cancer patients and their families. *Social Work-Maatskaplike Werk*, 54(2), 225–243.

STELLENBOSCH INSTITUTE FOR ADVANCED STUDY (STIAS)

- Lai, X., Gupta, S. K., Schmitz, U., Marquardt, S., Knoll, S., Spitschak, A., Wolkenhauer, O., Putzer, B. M., & Vera, J. (2018). MiR-205-5p and miR-342-3p cooperate in the repression of the E2F1 transcription factor in the context of anticancer chemotherapy resistance. *Theranostics*, 8(4), 1106–1120.