

CELEBRATES SCIENCE



June 2023

1. INTRAMURAL RESEARCH UNITS

Biomedical Research and Innovation Platform

1. Cele ND, Mthimunya NE, Mkhwanazi QB, Nxumalo S, Tshabuse F, Poee OJ, **Chellan N**, Mthembu MS, Opoku AR. In vitro antidiabetic, antioxidant, and cytotoxic evaluation of honeybush tea (*Cyclopia genistoides*) extracts. *Journal of Food Biochemistry*. 2023 Jun 9;2023:8774094. DOI: 10.1155/2023/8774094
2. Jackson HC, **Pheiffer C**, **Jack B**, Africander D. Time- and glucose-dependent differentiation of 3T3-L1 adipocytes mimics dysfunctional adiposity. *Biochemical and Biophysical Research Communications*. 2023 Jun 7. DOI: 10.1016/j.bbrc.2023.06.026
3. Wootton O, **Dalvie S**, MacGinty R, Ngqengelele L, Susser ES, Gur RC, Stein DJ. Predictors of within-individual variability in cognitive performance in schizophrenia in a South African case-control study. *Acta Neuropsychiatrica*. 2023 Jun 21. DOI: 10.1017/neu.2023.28

Biostatistics

1. Burger M, Einspieler C, **Jordaan ER**, Unger M, Niehaus DJH. Persistent maternal mental health disorders and toddler neurodevelopment at 18 Months: Longitudinal follow-up of a low-income South African cohort. *International Journal of Environmental Research and Public Health*. 2023 Jun 20; 20(12):6192. DOI: 10.3390/ijerph20126192
2. Chipili G, **Van Graan A**, **Lombard CJ**, Niekerk EV. Fish Consumption improved head circumference and mid-upper arm circumference among infants in Zambia: A randomised controlled trial. *Challenges*. 2023 Jun 6;14(2):29. DOI: 10.3390/challe14020029
3. Kaulback K, Schwellnus M, Sewry N, **Jordaan E**, Wood P. Rating of perceived exertion associated with acute symptoms in athletes with recent SARS-CoV-2 infection: AWARE VI. *Journal of Athletic Training*. 2023 Jun 21. DOI: 10.4085/1062-6050-0632.22
4. Marandure TT, Schwellnus MP, Grant C, Jansen van Rensburg A, **Jordaan E**, Boer P. Patellofemoral pain syndrome is associated with chronic disease and allergies in 60 997 distance runner race entrants: SAFER XXX Study. *Clinical Journal of Sport Medicine*. 2023 Jun 30. DOI: 10.1097/JSM.0000000000001166

Burden of Disease

1. **Roomaney RA**, van Wyk B, **Pillay-van Wyk V**. Multimorbidity in South Africa: Is the health system ready? *Journal of Multimorbidity & Comorbidity*. 2023 Jun 17;13:26335565231182483. DOI: 10.1177/26335565231182483

Centre for Tuberculosis

1. **Adu-Amankwaah F**, Sam H, Asare CY, Mills-Robertson FC. Antimicrobial, antioxidant activities, and total phenolic contents of *Pycnanthus angolensis* sap and *cryptolepis sanguinolenta* root extracts. *BMC Complementary Medicine and Therapies*. 2023 Jun 21;23(1):205. DOI: 10.1186/s12906-023-04006-8
2. **Baatjies L**, **van Rensburg IC**, **Snyders C**, **Gutschmidt A**, **Loxton AG**, Williams MJ. Investigating *Mycobacterium tuberculosis* sufR (rv1460) in vitro and ex vivo expression and immunogenicity. *PLoS One*. 2023 Jun 15;18(6):e0286965. DOI: 10.1371/journal.pone.0286965

3. Goig GA, Menardo F, Salaam-Dreyer Z, Dippenaar A, **Streicher EM**, Daniels J, Reuter A, Borrell S, Reinhard M, Doetsch A, Beisel C, **Warren RM**, Cox H, Gagneux S. Effect of compensatory evolution in the emergence and transmission of rifampicin-resistant *Mycobacterium tuberculosis* in Cape Town, South Africa: A genomic epidemiology study. *The Lancet Microbe*. 2023 Jun 6.
DOI: 10.1016/S2666-5247(23)00110-6
4. **Ismail N, Dippenaar A**, Morgan G, **Grobbelaar M**, Wells F, Caffry J, Morais C, Gizynski K, McGurk D, Boada E, Murton H, **Warren RM**, Van Rie A. Microfluidic capture of *Mycobacterium tuberculosis* from clinical samples for culture-free whole-genome sequencing. *Microbiology Spectrum*. 2023 Jun 26.
DOI: 10.1128/spectrum.01114-23
5. **Niemand Wolhuter N, Ngakane L**, de Wet TJ, **Warren RM, Williams MJ**. The *Mycobacterium smegmatis* HesB Protein, MSMEG_4272, is required for in vitro Growth and Iron Homeostasis. *Microorganisms*. 2023 Jun 14;11(6):1573.
DOI: 10.3390/microorganisms11061573
6. **Opperman CJ, Wojno J, Goosen W, Warren R**. Phages for the treatment of *Mycobacterium* species. *Progress in Molecular Biology and Translational Science*. 2023 Jun 23.
DOI: 10.1016/bs.pmbts.2023.03.016
7. **Otum CC**, Rivière E, **Barnard M, Loubser J, Williams MJ, Streicher EM**, Van Rie A, **Warren RM, Kloppe M**. Site-directed mutagenesis of *Mycobacterium tuberculosis* and functional validation to investigate potential bedaquiline resistance-causing mutations. *Scientific Reports*. 2023 Jun 6;13(1):9212.
DOI: 10.1038/s41598-023-35563-0
8. **Pillay S, de Vos M**, Sohn H, Ghebrekristos Y, Dolby T, **Warren RM, Theron G**. To test or not? Xpert MTB/RIF as an alternative to smear microscopy to guide line probe assay testing for drug-resistant tuberculosis. *Journal of Clinical Microbiology*. 2023 Jun 27.
DOI: 10.1128/jcm.00017-23
9. Reynolds AW, Grote MN, Myrick JW, Al-Hindi DR, Siford RL, Mastoras M, **Möller M**, Henn BM. Persistence of matrilineal postmarital residence across multiple generations in Southern Africa. *Human nature*. 2023 Jun 13.
DOI: 10.1007/s12110-023-09452-4
10. **Willemse D, Baatjes L, Dippenaar A, Warren RM, Williams MJ**. The impact of genotype on the phenotype of *Mycobacterium tuberculosis* Δ sufR mutants. *Tuberculosis*. 2023 Jun 2.
DOI: 10.1016/j.tube.2023.102360

Environment and Health

1. Rother H-A, Dove CM, Cornforth R, Petty C, Euripidou R, Irlam J, Gikungu D, Chivese T, Kutane W, Jourou A, van Bavel B, Zavaleta C, **Wright CY**. ‘Q-storming’ to identify challenges and opportunities for integrating health and climate adaptation measures in Africa. *The Journal of Climate Change and Health*. 2023 Jun 3.
DOI: 10.1016/j.joclim.2023.100254
2. **Wernecke B, Pillay Naidoo N, Wright CY**. Establishing a baseline of published air pollution and health research studies in the Waterberg-Bojanala priority Area. *Clean Air Journal*. 2023 Jun 26; 33(1):14887.
DOI: 10.17159/caj/2023/33/1.14887
3. **Wright C**, Nthusi V, Pant P. Initiating activities to tackle the health impacts from air pollution in East Africa: Bringing together research, policy and practice. *Clean Air Journal*. 2023 Jun 26; 33(1):16000.
DOI: 10.17159/caj/2023/33/1.16000

Gender and Health

1. **Dekel B, Abrahams N.** 'I'm not the mother I wanted to be': Understanding the increased responsibility, decreased control, and double level of intentionality, experienced by abused mothers. *PLoS One*. 2023 Jun 29;18(6):e0287749.
DOI: 10.1371/journal.pone.0287749
2. **Machisa MT, Jina R, Labuschagne G, Vetten L, Loots L, Jewkes R.** Circumstances, policing, and attrition of multiple compared to single perpetrator rape cases within the South African criminal justice system. *Crime Science*. 2023 Jun 7;12(1):11.
DOI: 10.1186/s40163-023-00191-6
3. **Machisa MT, Mahlangu P, Chirwa E, Nunze N, Sikweyiya Y, Dartnall E, Pillay M, Jewkes R.** Ntombi Vimbela! Sexual violence risk reduction intervention: Pre and one-year post assessments from a single arm pilot feasibility study among female students in South Africa. *BMC Public Health*. 2023 Jun 27;23(1):1242.
DOI: 10.1186/s12889-023-16149-x
4. Oyekunle V, Tomita A, **Gibbs A.** Cluster randomized controlled trial of stepping stones and creating futures to reduce mental health challenges among young men in informal settlements in KwaZulu-Natal Province, South Africa. *The International Journal of Social Psychiatry*. 2023 Jun 5: 207640231174370.
DOI: 10.1177/00207640231174370

Health Systems

1. **Dietrich JJ, Ahmed N, Tshabalala G, Wu M, Mulaudzi M, Hornschuh S, Atujuna M, Muhumuza R, Ssemata AS, Stranix-Chibanda L, Nematadzira T, Bekker LG, Martinson N, Seeley J, Fox J.** A qualitative study to explore daily versus on-demand oral pre-exposure prophylaxis (PrEP) in young people from South Africa, Uganda and Zimbabwe. *PLoS One*. 2023 Jun 29;18(6):e0287627.
DOI: 10.1371/journal.pone.0287627
2. Moyo RC, **Govindasamy D, Manda SO, Nyasulu PS.** A prediction risk score for HIV among adolescent girls and young women in South Africa: Identifying those in need of HIV pre-exposure prophylaxis. *HIV Research & Clinical Practice*. 2023 Jun 3;24(1):2221377.
DOI: 10.1080/25787489.2023.2221377
3. Murugasen S, Abdullahi LH, **Moloi H, Wyber R, Abrams J, Watkins DA, Engel ME, Zühlke LJ.** Burden of disease and barriers to comprehensive care for rheumatic heart disease in South Africa: An updated systematic review protocol. *BMJ Open*. 2023 Jun 1;13(6):e073300.
DOI: 10.1136/bmjopen-2023-073300

HIV and Other Infectious Diseases

1. **Chetty T, Pillay A, Balakrishna Y, Reddy T, Goga A, Moore DP, Karsas M, Cloete J, Archary M, Kwawegen AV, Thomas R, Nakwa FL, Waggie Z, Magrath S, Jeena P.** Healthcare-associated infections drive antimicrobial prescribing in pediatric departments at three academic hospitals in South Africa. *The Pediatric Infectious Disease Journal*. 2023 Jun 23.
DOI: 10.1097/INF.0000000000003954
2. **Chetty T, Singh Y, Odendaal W, Mianda S, Abdelatif N, Manda S, Schneider H, Goga A.** Intervention in mothers and newborns to reduce maternal and perinatal mortality in 3 provinces in South Africa using a quality improvement approach: Protocol for a mixed method type 2 hybrid evaluation. *JMIR Research Protocols*. 2023 Jun 5;12:e42041.
DOI: 10.2196/42041

Mental Health, Alcohol, Substance Use and Tobacco

1. Allie SN, **Bantjes J**, Andriessen K. Suicide postvention for staff and students on university campuses: A scoping review. *BMJ Open*. 2023 Jun 16;13(6):e068730. DOI: 10.1136/bmjopen-2022-068730
2. Kane JC, Allen I, Fatch R, Scheffler A, Emenyonu N, Puryear SB, Chirayil P, So-Armah K, Kahler CW, Magidson JF, Conroy AA, Edelman EJ, Woolf-King S, **Parry C**, Kiene SM, Chamie G, Adong J, Go VF, Cook RL, Muyindike W, Morojele N, Blokhina E, Krupitsky E, Fiellin DA, Hahn JA. Efficacy of alcohol reduction interventions among people with HIV as evaluated by self-report and a phosphatidylethanol (PEth) outcome: Protocol for a systematic review and individual participant data meta-analysis. *BMJ Open*. 2023 Jun 6;13(6):e070713. DOI: 10.1136/bmjopen-2022-070713
3. Keynejad RC, Bitew T, Sorsdahl K, **Myers B**, Honikman S, Mulushoa A, Demissie M, Deyessa N, Howard LM, Hanlon C. Adapting brief problem-solving therapy for pregnant women experiencing depressive symptoms and intimate partner violence in rural Ethiopia. *Psychotherapy Research*. 2023 Jun 29. DOI: 10.1080/10503307.2023.2222899
4. **Myers B**, Carney T, Rooney J, Malatesta S, Ragan EJ, White LF, Natcheva H, Bouton TC, Weber SE, Farhat M, McIlleron H, Theron D, **Parry CDH**, Horsburgh CR, Warren RM, Jacobson KR. Smoked drug use in patients with TB is associated with higher bacterial burden. *International Journal of Tuberculosis and Lung Disease*. 2023 Jun 1;27(6):444-450. DOI: 10.5588/ijtld.22.0650
5. **Parry CDH**. A timely piece of global relevance, but shouldn't we move towards more real-world studies of the effect of multiple policy interventions and ongoing monitoring of alcohol policy impacts? *Addiction*. 2023 Jun 27. DOI: 10.1111/add.16282
6. **Parry CDH**, **Myers B**, Londani M, **Shuper PA**, Janse van Rensburg C, Manda SOM, **Nkosi S**, **Kekwaletswe CT**, Hahn JA, Rehm J, Sorsdahl K, **Morojele NK**. Motivational interviewing and problem-solving therapy intervention for patients on antiretroviral therapy for HIV in Tshwane, South Africa: A randomized controlled trial to assess the impact on alcohol consumption. *Addiction*. 2023 Jun 20. DOI: 10.1111/add.16278

Non-Communicable Disease

1. Dhana A, Gupta RK, Hamada Y, **Kengne AP**, Kerkhoff AD, Yoon C, Cattamanchi A, Reeve BWP, Theron G, Ndlantalavu G, Wood R, Drain PK, Calderwood CJ, Noursadeghi M, Boyles T, Meintjes G, Maartens G, Barr DA. Clinical utility of WHO-recommended screening tools and development and validation of novel clinical prediction models for pulmonary tuberculosis screening among outpatients living with HIV: An individual participant data meta-analysis. *European Respiratory Review*. 2023 Jun 7. DOI: 10.1183/16000617.0021-2023
2. Ebasone PV, **Peer N**, Dzudie A, **Kengne AP**. Prevalence of selected cardiometabolic risk factors in the global ART-naïve HIV infected population: A protocol for a systematic review and meta-analysis. *PLoS One*. 2023 Jun 8;18(6):e0286789. DOI: 10.1371/journal.pone.0286789
3. Lekoubou A, Ssentongo P, Maffie J, Debroy K, Kwon M, Nguyen C, Pelton M, Watt B, Ceasar J, Dinunno N, Satyasi V, **Pascal Kengne A**, Bonilha L, Chinchilli VM. Associations of small vessel disease and acute symptomatic seizures in ischemic stroke patients. *Epilepsy & Behavior*. 2023 Jun 16. DOI: 10.1016/j.yebeh.2023.109233

4. Lindberg R, Wingrove K, Bastian A, West R, Caraher M, **McHiza ZJR**, Furey S, Owen PJ, McNaughton S. Social and economic policy interventions to address household food insecurity in High-Income Countries (HIC) and the developing nations of Brazil, Russia, India, China and South Africa (BRICS) (Protocol). *Cochrane Database of Systematic Reviews*. 2023 Jun 27; 2023(6): CD015419.
DOI: 10.1002/14651858.CD015419
5. **Madlala SS, Hill J**, Kunneke E, **Lopes T, Faber M**. Adult food choices in association with the local retail food environment and food access in resource-poor communities: A scoping review. *BMC Public Health*. 2023 Jun 6;23(1):1083.
DOI: 10.1186/s12889-023-15996-y
6. **Modjadji P**, Mokgalaboni K, Nonterah EA, Lebelo SL, **Mchiza ZJ-R**, Madiba S, **Kengne AP**. A systematic review on cardiometabolic risks and perinatal outcomes among pregnant women living with HIV in the era of antiretroviral therapy. *Viruses*. 2023 Jun 26;15(7):1441.
DOI: 10.3390/v15071441
7. **Nguyen K**, Myers B, Abrahams N, Jewkes R, Mhlongo S, Seedat S, Lombard C, Garcia-Moreno C, Chirwa E, **Kengne AP, Peer N**. Symptoms of post-traumatic stress partially mediate the relationship between gender-based violence and alcohol misuse among South African women. *Journal of Hypertension*. 2023 Jun;41(Suppl 3):e156-e156.
DOI: 10.1097/01.hjh.0000940432.84364.a1
8. **Nguyen KA**, Myers B, Abrahams N, Jewkes R, Mhlongo S, Seedat S, Lombard C, Garcia-Moreno C, Chirwa E, **Kengne AP, Peer N**. Symptoms of posttraumatic stress partially mediate the relationship between gender-based violence and alcohol misuse among South African women. *Substance Abuse Treatment, Prevention, and Policy*. 2023 Jun 22;18(1):38.
DOI: 10.1186/s13011-023-00549-8
9. Pereira-Kotze C, **Faber M**, Doherty T. Knowledge, understanding and perceptions of key stakeholders on the maternity protection available and accessible to female domestic workers in South Africa. *PLoS Global Public Health*. 2023 Jun 14;3(6):e0001199.
DOI: 10.1371/journal.pgph.0001199

Office of Malaria Research

1. Oyegoke OO, Adewumi TS, Aderoju SA, Tsundzukani N, Mabunda E, Adeleke MA, **Maharaj R**, Okpeku M. Towards malaria elimination: Analysis of travel history and case forecasting using the SARIMA model in Limpopo Province. *Parasitology Research*. 2023 Jun 13.

Office of the President/Vice-President

1. **Katoto PD**, Tamuzi JL, Brand AS, Marangu DM, Byamungu LN, Wiysonge CS, **Gray G**. Effectiveness of COVID-19 Pfizer-BioNTech (BNT162b2) mRNA vaccination in adolescents aged 12-17 years: A systematic review and meta-analysis. *Human Vaccines & Immunotherapy*. 2023 Jun 5.
DOI: 10.1080/21645515.2023.2214495
2. Turley CB, Tables L, Fuller T, Sanders LJ, Scott H, Moodley A, Woodward Davis A, Leav B, Miller J, Schoemaker K, Vandebosch A, Sadoff J, Woo W, Cho I, Dunkle LM, Li S, van der Laan L, Gilbert PB, Follmann D, Jaynes H, Kublin JG, Baden LR, Goepfert P, Kotloff K, Gay CL, Falsey AR, El Sahly HM, Sobieszczyk ME, Huang Y, Neuzil KM, Corey L, Grinsztejn B, **Gray G**, Rouphael N, Luedtke A; COVID-19 Prevention Network CoVPN. Modifiers of COVID-19 vaccine efficacy: Results from four COVID-19 prevention network efficacy trials. *Vaccine*. 2023 Jun 23.
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South African Cochrane Centre

1. **Cooper S, Wiysonge CS.** Towards a more critical public health understanding of vaccine hesitancy: Key insights from a decade of research. *Vaccines*. 2023 Jun 26;11(7):1155.
DOI: 10.3390/vaccines11071155
2. **Gloeck NR, Leong T, Iwu-Jaja CJ, Katoto P, Kredo T, Wiysonge CS.** Typhoid conjugate vaccines for preventing typhoid fever (enteric fever). *Cochrane Database of Systematic Reviews*. 2023 Jun 14; 2023(6):CD015746.
DOI: 10.1002/14651858.CD015746
3. **Mabetha D,** Ojewola T, van der Merwe M, Mabika R, Goosen G, Sigudla J, Hove J, Witter S, D'Ambruso L, On behalf in collab the Verbal Autopsy with Participatory Action Research (VAPAR)/Wits/Mpumalanga Department of Health Learning Platform. Realising radical potential: Building community power in primary health care through participatory action research. *International Journal for Equity in Health*. 2023 May 17;22(1):94.
DOI: 10.1186/s12939-023-01894-7
4. Wang X, Dewidar O, Rizvi A, Huang J, Desai P, Doyle R, Ghogomu E, Rader T, Nicholls SG, Antequera A, Krentel A, Shea B, Hardy BJ, Chamberlain C, **Wiysonge CS**, Feng C, Juando-Prats C, Lawson DO, Obuku EA, Kristjansson E, von Elm E, Wang H, Ellingwood H, Waddington HS, Ramke J, Elizabeth Jull J, Hatcher-Roberts J, Tufte J, Little J, Mbuagbaw L, Weeks L, Niba LL, Cuervo LG, Wolfenden L, Kasonde M, Avey MT, Sharp MK, Mahande MJ, Nkangu M, Magwood O, Craig P, Tugwell P, Funnell S, Noorduyn SG, **Kredo T**, Horsley T, Young T, Pantoja T, Bhutta Z, Martel A, Welch VA. A scoping review establishes need for consensus guidance on reporting health equity in observational studies. *Journal of Clinical Epidemiology*. 2023 Jun 15.
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2. EXTRAMURAL RESEARCH UNITS

Antibody Immunity

1. **Mkhize NN**, Yssel A, **Kaldine H**, **van Dorsten RT**, Woodward Davis AS, Beaume N, Matten D, **Lambson B**, **Modise T**, **Kgagudi P**, York T, Westfall DH, Giorgi EE, Korber B, Anthony C, **Mapengo RE**, Bekker V, Domin E, Eaton A, Deng W, DeCamp A, Huang Y, Gilbert PB, Gwashu-Nyangiwe A, Thebus R, Ndabambi N, Mielke D, Mgodini N, Karuna S, Edupuganti S, Seaman MS, Corey L, Cohen MS, Hural J, McElrath MJ, Mullins JI, Montefiori D, **Moore PL**, Williamson C, **Morris L**. Neutralization profiles of HIV-1 viruses from the VRC01 Antibody Mediated Prevention (AMP) trials. *PLoS Pathogens*. 2023 Jun 29;19(6):e1011469. DOI: 10.1371/journal.ppat.1011469
2. **Moore PL**, Gray G. COVID-19 as a catalyst for vaccine manufacturing: A South African experience. *Cell Host & Microbe*. 2023 Jun 14;31(6):839-842. DOI: 10.1016/j.chom.2023.05.015

Antiviral Gene Therapy

1. Kana B, **Arbuthnot P**, Botwe BK, Choonara YE, Hassan F, Louzir H, Matsoso P, Moore PL, Muhairwe A, **Naidoo K**, Ndomondo-Sigonda M, Madhi SA. Opportunities and challenges of leveraging COVID-19 vaccine innovation and technologies for developing sustainable vaccine manufacturing capabilities in Africa. *The Lancet Infectious Diseases*. 2023 Jun 5. DOI: 10.1016/S1473-3099(22)00878-7
2. Ng J, Barral S, **Waddington SN**, Kurian MA. Dopamine Transporter Deficiency Syndrome (DTDS): Expanding the clinical phenotype and precision medicine approaches. *Cells*. 2023 Jun 28;12(13):1737. DOI: 10.3390/cells12131737

Cardiometabolic Health

1. Jalavu TP, Sigwadhi LN, Kotze MJ, Yalew A, Ngah V, Tamuzi JL, Chapanduka ZC, Allwood BW, Koegelenberg CF, Irusen EM, Lalla U, **Matsha TE**, Erasmus RT, Zumla A, Zemlin AE, Nyasulu PS. An investigation of the correlation of vitamin D status and management outcomes in patients with severe COVID-19 at a South African tertiary hospital. *IJID Regions*. 2023 Jun 1. DOI: 10.1016/j.ijregi.2023.05.007

Centre for Health Economic and Decision Science

1. **Erzse A**, Karim SA, **Rwafa-Ponela T**, **Kruger P**, **Hofman K**, Foley L, Oni T, **Goldstein S**. Participatory prioritisation of interventions to improve primary school food environments in Gauteng, South Africa. *BMC Public Health*. 2023 Jun 29;23(1):1263. DOI: 10.1186/s12889-023-16101-z

Child and Adolescent Lung Health

1. Claassen-Weitz S, Gardner-Lubbe S, Xia Y, Mwaikono KS, Mounaud SH, Nierman WC, **Workman L**, **Zar HJ**, Nicol MP. Succession and determinants of the early life nasopharyngeal microbiota in a South African birth cohort. *Microbiome*. 2023 Jun 5;11(1):127. DOI: 10.1186/s40168-023-01563-5
2. Magodoro IM, Guerrero-Chalela CE, Claggett B, Jermy S, Samuels P, **Zar H**, Myer L, Danaei G, Jao J, Ntusi NAB, Siedner MJ, Ntsekhe M. Left ventricular remodeling and its correlates among adolescents with perinatally acquired HIV in South Africa. *International Journal of Cardiology*. 2023 Jun 17. DOI: 10.1016/j.ijcard.2023.131121

3. Martinez L, **Zar HJ**. Reply to: Intervening on social determinants for better outcomes in pediatric tuberculosis management. *American Journal of Respiratory and Critical Care Medicine*. 2023 Jun 15; 207(12):1646-1647.
DOI: 10.1164/rccm.202304-0629LE
4. Venkatakrishna SSB, Stadler JAM, Kilborn T, le Roux DM, **Zar HJ**, Andronikou S. Evaluation of the diagnostic performance of physician lung ultrasound versus chest radiography for pneumonia diagnosis in a peri-urban South African cohort. *Pediatric Radiology*. 2023 Jun 14.
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Common Epithelial Cancer

1. Phakathi B, Dix-Peek T, Van Den Berg E, Dickens C, Nietz S, **Cubasch H**, **Joffe M**, Neugut AI, Jacobson JS, **Ruff P**, **Duarte R**. PAM50 intrinsic subtypes, risk of recurrence score and breast cancer survival in HIV-positive and HIV-negative patients-a South African cohort study. *Breast Cancer Research Treatment*. 2023 Jun 2.
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Developmental Pathways for Health

1. **Craig A**, Breet Y, Gafane-Matemane LF, **Norris SA**, Kruger R. Detecting and managing childhood onset hypertension in Africa: A call to action. *Current Hypertension Reports*. 2023 Jun 15.
DOI: 10.1007/s11906-023-01247-3
2. Cuartas J, Bhatia A, Carter D, Cluver L, Coll C, **Draper CE**, Donger E, Gardner F, Grueso H, Herbert B, Lachman J, M'jid NM, Seidel F, Kelly O. The climate crisis and violence against children. *The Lancet Child & Adolescent Health*. 2023 Jun 12.
DOI: 10.1016/S2352-4642(23)00137-2
3. **Kim AW**, **Said Mohamed R**, **Norris SA**, **Naicker S**, **Richter LM**, Kuzawa CW. Childhood adversity during the post-apartheid transition and COVID-19 stress independently predict adult PTSD risk in urban South Africa: A biocultural analysis of the stress sensitization hypothesis. *American Journal of Biological Anthropology*. 2023 Jun 7.
DOI: 10.1002/ajpa.24791
4. **Madanhire T**, Hawley S, Dauya E, Bandason T, Rukuni R, Ferrand RA, **Gregson CL**. Menopausal symptoms by HIV status and association with health-related quality of life among women in Zimbabwe: A cross-sectional study. *BMC Womens Health*. 2023 Jun 29;23(1):343.
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5. **Mtintsilana A**, **Norris SA**, **Dlamini SN**, **Nyati LH**, **Aronoff DM**, Koethe JR, Goldstein JA, **Prioreschi A**. The impact of HIV and ART exposure during pregnancy on fetal growth: A prospective study in a South African cohort. *BMC Pregnancy and Childbirth*. 2023 Jun 3;23(1):415.
DOI: 10.1186/s12884-023-05743-x
6. **Nyati LH**, **Pettifor JM**, **Ong KK**, **Norris SA**. The association between the timing, intensity and magnitude of adolescent growth and body composition in early adulthood. *European Journal of Clinical Nutrition*. 2023 Jun 13.
DOI: 10.1038/s41430-023-01293-9
7. Tan SX, Pumpalova Y, Rogers AM, Bhatt K, Herbst CL, **Ruff P**, Neugut AI, Hur C. Cost-effectiveness of adjuvant chemotherapy for high-risk stage II and stage III colon cancer in South Africa. *Cancer Medicine*. 2023 Jun 15.
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Drug Discovery and Development

1. Cabrera Gonzalez D, Smith DA, Basarab GS, Duffy J, Spangenberg T, **Chibale K**. Anti-infectives developed as racemic drugs in the 21st century: Norm or exception? ACS Medicinal Chemistry Letters. 2023 Jun 12.
DOI: 10.1021/acsmchemlett.3c00214
2. **Mogwera KSP, Chibale K, Arendse LB**. Developing kinase inhibitors for malaria: An opportunity or liability? Trends Parasitology. 2023 Jun 27.
DOI: 10.1016/j.pt.2023.06.001

Genomics of Brain Disorders

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4. RESEARCH UNITS WITH NO PUBLICATIONS

Intramural

- Genomics Centre
- Office of AIDS and TB Research
- Office of Tuberculosis Research
- Primate

Extramural

- Bioinformatics Capacity Development
- Centre for Antimicrobial Resistance
- Health Services to Systems Research
- Herbal Drugs
- Intersection of Non-Communicable Disease and Infectious Disease
- Masculinities and Health
- Maternal and Infant Health Care Strategies
- Pan African Centre for Epidemics
- Platform for Pharmacogenomics Research & Translational
- Wound and Keloid Scarring Translational

Research Centre

- Advancing Care and Treatment (ACT) for TB/HIV
- Centre for Basic Translational Human TB Research
- Centre for Digital Health Innovation
- Centre for Multidisciplinary Research on Malaria
- Centre for Optimising Antimalaria Therapy in SA
- Centre for Sustainable Malaria Control
- Centre for Tuberculosis Biomarker-Targeted-Intervention
- Clinical and Community HIV-TB research
- Soweto Matlosana SARMC Collaborating Centre for HIV/AIDS and TB
- TB Free through Research and Innovation
- Tuberculosis Collaborating Centre for Child Health (TB-CHILD)
- Tygerberg SAMRC Collaborating centre for HIV Laboratory Research
- Wits Clinical HIV/TB Research Unit, WITS Health Consortium
- Wits RHI Collaborating Centre for HIV/AIDS

5. GRANTS AWARDED

SAMRC LIST OF NEW CONTRACTS FOR JUNE 2023					
SAMRC Unit	Funder	Main Funder	Project Title/Description	Contract Value	
				Rand	Foreign Currency
EHRU	The Elma Relief Foundation	The ELMA Relief Foundation	Cholera Outbreak South Africa-Disease Surveillance	R918,000.00	-
GENOMICS	Bill & Melinda Gates Medical Research Institute	Bill & Melinda Gates Medical Research Institute	Sequencing and data analysis strategy for two clinical trials	R6,148,670.00	-
MASTRU	University of Maryland	National Institute of Health	Training CHWs to Support Re-engagement in TB/HIV in the Context of Depression and Substance Use	R268,971.00	-

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