

CELEBRATES SCIENCE



March 2023

1. INTRAMURAL RESEARCH UNITS

Alcohol, Tobacco and Other Drugs

1. **Bantjes J**, Hunt X, Stein DJ. Anxious, depressed, and suicidal: Crisis narratives in university student mental health and the need for a balanced approach to student wellness. *International Journal of Environmental Research and Public Health*. 2023 Mar 09;20(6):4859. DOI: 10.3390/ijerph20064859
2. **Bantjes J**, Kessler MJ, Hunt X, Kessler RC, Stein DJ. Prevalence and correlates of 30-day suicidal ideation and intent: Results of the South African National student mental health Survey. *South African Medical Journal*. 2023 Mar 08. DOI: 10.7196/SAMJ.2023.v113i4.16753
3. Gibbs NK, Angus C, Dixon S, **Parry CDH**, Meier PS. Stakeholder engagement in the development of public health economic models: An application to modelling of minimum unit pricing of alcohol in South Africa. *Applied Health Economics and Health Policy*. 2023 Mar 09. DOI: 10.1007/s40258-023-00789-6
4. May PA, Marais AS, Kalberg WO, de Vries MM, Buckley D, Hasken JM, Snell CL, Röhrs RB, Hendrick DM, Bezuidenhout H, Anthonissen L, Bröcker E, Robinson LK, Manning MM, Hoyme HE, Seedat S, **Parry CDH**. Multifaceted case management during pregnancy is associated with better child outcomes and less fetal alcohol syndrome. *Annals of Medicine*. 2023 Mar 15;55(1):926-945. DOI: 10.1080/07853890.2023.2185808
5. **Parry CDH**, Myers B, Londani M, Shuper PA, Nkosi S, Hahn JA, Kekwaletswe C, **Morojele NK**. Self-reported alcohol use vs phosphatidylethanol (PEth) in behavioural trials: A study of people living with HIV in Tshwane, South Africa. *Alcoholism, Clinical and Experimental Research*. 2023 Mar 20. DOI: 10.1111/acer.15062
6. Rose AL, Ochieng YA, Jack HE, Sangraula A, **Ciya N**, **Jacobs Y**, **Ndamase S**, Regenauer KS, Brown I, Hines AC, **Johnson K**, Bassett IV, Joska JA, Magidson JF, **Myers B**. Patient and stakeholder perspectives on impacts of the COVID-19 pandemic on HIV and mental health care delivery in South Africa. *International Journal of STD & AIDS*. 2023 Mar 21. DOI: 10.1177/09564624231160581
7. van Rensburg AJ, **Brooke-Sumner C**. Intersectoral and multisectoral approaches to enable recovery for people with severe mental illness in LMICs: A scoping review. *Cambridge Prisms: Global Mental Health*. 2023 Mar 15. DOI: 10.1017/gmh.2023.10

Biomedical Research and Innovation Platform

1. Chipangura JK, **Ntamo Y**, Mohr B, **Chellan N**. A review of challenges and prospects of 3D cell-based culture models used for studying drug induced liver injury during early phases of drug development. *Human & Experimental Toxicology*. 2023 Mar 06;42:9603271221147884. DOI: 10.1177/09603271221147884
2. **Dludla PV**, **Mabhida SE**, Ziqubu K, Nkambule BB, Mazibuko-Mbeje SE, Hanser S, Basson AK, **Pheiffer C**, Kengne AP. Pancreatic β -cell dysfunction in type 2 diabetes: Implications of inflammation and oxidative stress. *World Journal of Diabetes* 2023 Mar 15; 14(3):130-146. DOI: 10.4239/wjd.v14.i3.130

3. Hlengwa N, Masilela C, **Mtambo TR**, **Sithole S**, Naidoo S, Machaba KE, **Shabalala SC**, **Ntamo Y**, **Dludla PV**, Milase RN. *In vitro* hepatic models to assess herb-drug interactions: Approaches and challenges. *Pharmaceuticals*. 2023 Mar 08;16(3):409. DOI: 10.3390/ph16030409
4. **Pheiffer C**, **Dias S**, Mendham A, **Jack B**, **Willmer T**, Eshibona N, Hocine B, Pretorius A, **Goedecke J**. MicroRNA expression in subcutaneous adipose tissue changes in response to exercise training in obese African women. *Diabetes Research and Clinical Practice*. 2023 Mar 15;197(Suppl 1):110266. DOI: 10.1016/j.diabres.2023.110266
5. **Sharma JR**, **Dludla PV**, Dwivedi G, **Johnson R**. Measurement tools and utility of hair analysis for screening adherence to antihypertensive medication. *Global Heart*. 2023 Mar 22;18(1):17. DOI: 10.5334/gh.1191
6. **Sharma JR**, Sibuyi NRS, Fadaka AO, Meyer S, Madiehe AM, Katti K, Meyer M. Anticancer and drug-sensitizing activities of gold nanoparticles synthesized from cyclopia genistoides (Honeybush) extracts. *Applied Sciences*. 2023 Mar 21;13(6):3973. DOI: 10.3390/app13063973

Biostatistics

1. **Abdelatif N**, Naidoo I, Dunn S, **Mazinu M**, Essack Z, Groenewald C, Maharaj P, Msomi N, **Reddy T**, Roberts B, Zuma K. Heterogeneity in COVID-19 infection among older persons in South Africa: Evidence from national surveillance data. *Frontiers in Public Health*. 2023 Mar 16;11:1009309. DOI: 10.3389/fpubh.2023.1009309
2. Fourie PJ, Erasmus RD, **Botha T**, Jacobs HW. Low dislocation rate one year after total hip arthroplasty at a tertiary hospital in South Africa. *South African Orthopaedic Journal*. 2023 Mar 23;22(1):10-17. DOI: 10.17159/2309-8309/2023/v22n1a1
3. Naicker D, Sonela N, Jin SW, Mulaudzi T, Ojwach D, **Reddy T**, Brockman MA, Brumme ZL, Ndung'u T, Mann JK. HIV-1 subtype C Nef-mediated SERINC5 down-regulation significantly contributes to overall Nef activity. *Retrovirology*. 2023 Mar 31;20(1):3. DOI: 10.1186/s12977-023-00618-7
4. Wand H, Moodley J, **Reddy T**, Vujovich-Dunn C, Naidoo S. Quantifying impact of obesity on cardiometabolic comorbidities and public health implications: Insights from South Africa. *Obesity Research & Clinical Practice*. 2023 Mar 2. DOI: 10.1016/j.orcp.2023.02.003
5. Wand H, Vujovich-Dunn C, Derrick K, Moodley J, **Reddy T**, Naidoo S. Geospatial variations in socioeconomic conditions and health outcomes in COVID-19 era: Insights from South Africa (2020–2022). *GeoJournal*. 2023 Mar 07. DOI: 10.1007/s10708-023-10851-4

Burden of Disease

1. Navsaria P, Maqungo S, Marineau L, **Prinsloo M**, Molefe IJ, Hodkinson P. The firearm pandemic: Time to act and flatten the curve. *South African Medical Journal*. 2023 Mar 02; batt113(3):113-114. DOI: 10.7196/SAMJ.2023.v113i3.316

2. **Nicol E, Mehlomakulu V, Jama N, Hlongwa M, Basera W, Pass D, Bradshaw D.** Healthcare provider perceptions on the implementation of the universal test-and-treat policy in South Africa: A qualitative inquiry. *BMC Health Services Research*. 2023 Mar 28;23(1):293. DOI: 10.1186/s12913-023-09281-2

Centre for Tuberculosis

1. Faye LM, Hosu MC, Vasaikar S, Dippenaar A, Oostvogels S, **Warren RM**, Apalata T. Spatial distribution of drug-resistant *Mycobacterium tuberculosis* infections in rural Eastern Cape Province of South Africa. *Pathogens*. 2023 Mar 17;12(3):47. DOI: 10.3390/pathogens12030475
2. Garcia-Basteiro AL, Cobelens F, Ssengooba W, **Theron G**. Lots of considerations when evaluating the FujiLAM assay. *The Lancet Global Health*. 2023 Mar 14. DOI: 10.1016/S2214-109X(23)00114-6
3. Huddart S, Asege L, Jaganath D, Golla M, Dang H, Lovelina L, **Derendinger B**, Andama A, Christopher DJ, Nhung NV, **Theron G**, Denking CM, Nahid P, Cattamanchi A, Yu C. Continuous cough monitoring: A novel digital biomarker for TB diagnosis and treatment response monitoring. *The International Journal of Tuberculosis and Lung Disease*. 2023 Mar 01; 27(3):221-222. DOI: 10.5588/ijtld.22.0511
4. **Ismail N**, Dippenaar A, **Warren RM**, Peters RPH, Omar SV. Emergence of canonical and noncanonical genomic variants following *in vitro* exposure of clinical *Mycobacterium tuberculosis* strains to bedaquiline or clofazimine. *Antimicrobial Agents and Chemotherapy*. 2023 Mar 09. DOI: 10.1128/aac.01368-22
5. Thakku SG, Lirette J, Murugesan K, Chen J, **Theron G**, Banaei N, Blainey PC, Gomez J, Wong SY, Hung DT. Genome-wide tiled detection of circulating *Mycobacterium tuberculosis* cell-free DNA using Cas13. *Nature Communications*. 2023 Mar 31;14(1):1803. DOI: 10.1038/s41467-023-37183-8

Environment and Health

1. Sepadi MM, **Nkosi V**. Strengthening urban informal trading and improving the health of vendors: An integrated management model. *International Journal of Environmental Research and Public Health*. 2023 Mar 09;20(6):4836. DOI: 10.3390/ijerph20064836
2. **Wright C, Kapwata T**, Albers P. Melanoma crude incidence rates among white South Africans climbing as in other countries: Urgent call for targeted skin cancer prevention and awareness campaigns. *South African Medical Journal*. 2023 Mar 02;113(3):110-112. DOI: 10.7196/SAMJ.2023.v113i3.325

Gender and Health

1. Arora N, Crastes dit Sourde R, Quaife M, Vassal A, Ferrari G, Alangea DO, Tawiah T, Prah RKD, **Jewkes R**, Hanson K, Rueda ST. The stated preferences of community-based volunteers for roles in the prevention of violence against women and girls in Ghana: A discrete choice analysis. *Social Science & Medicine*. 2023 Mar 24. DOI: 10.1016/j.socscimed.2023.115870

2. **Jewkes R, Chirwa E**, Alangea DO, Addo-Lartey A, Christofides N, Dunkle K, **Ramsoomar L, Gibbs A**. Pooled analysis of the association between food insecurity and violence against women: Evidence from low- and middle-income settings. *Journal of Global Health*. 2023 Mar 10;13:04021.
DOI: 10.7189/jogh.13.04021
3. Mannell J, Washington L, Khaula S, Khoza Z, **Mkhwanazi S**, Burgess RA, Brown LJ, **Jewkes R, Shai N, Willan S, Gibbs A**. Challenges and opportunities in coproduction: Reflections on working with young people to develop an intervention to prevent violence in informal settlements in South Africa. *BMJ Global Health*. 2023 Mar 29;8(3):e011463.
DOI: 10.1136/bmjgh-2022-011463
4. Oyekunle V, **Gibbs A**, Tomita A. Assessing the role of depression in reducing intimate partner violence perpetration among young men living in urban informal settlements using a mediation analysis of the stepping stones and creating futures intervention. *Global Health Action*. 2023 Mar 17.
DOI: 10.1080/16549716.2023.2188686
5. **Ramsoomar L, Gibbs A, Chirwa ED, Machisa MT**, Alangea DO, Addo-Lartey AA, **Dunkle K, Jewkes R**. Pooled analysis of the association between mental health and violence against women: Evidence from five settings in the Global South. *BMJ Open*. 2023 Mar 15; 13(3):e063730.
DOI: 10.1136/bmjopen-2022-063730
6. **Sikweyiya Y, Machisa M, Mahlangu P, Nunze N**, Dartnall E, Pillay M, **Jewkes R**. "I don't want to be known as a weak man": Insights and rationalizations by male students on men's sexual violence perpetration against female students on campus. *International Journal of Environmental Research and Public Health*. 2023 Mar 03;20(5):4550.
DOI: 10.3390/ijerph20054550

Genomics Centre

1. Olivier DW, Christowitz C, van der Merwe N, **Glanzmann B**, McGregor NW, van Rensburg EJ, Oosthuizen J, van der Merwe NC, Kotze MJ, Pienaar FM, Engelbrecht A-M. P142 functional impact of a rare germline TP53 variant (NM_001126114.2, c.1018A>G, p.N340D) in a family with the li-fraumeni-like syndrome. *The Breast*. 2023 Mar 14.
DOI: 10.1016/S0960-9776(23)00259-X

Health Systems

1. **Dietrich JJ**, Tsotetsi L, Dubazane T, Tshabalala G, Maimela B, Weiss M, Mulaudzi M. A qualitative study to explore strategies to improve the road to health application for maternal and child health outcomes in South Africa. *Frontiers in Digital Health*. 2023 Mar 09;4:1094754.
DOI: 10.3389/fdgh.2022.1094754
2. **Doherty T, Solanki G, Daviaud E, Bartmann Y**, Hawkrigge A, Fawcus S. Utilisation of private general practitioners to provide caesarean deliveries in five rural district public hospitals in South Africa: A mixed-methods study. *BMJ Open*. 2023 Mar 01;13(3):e067663.
DOI: 10.1136/bmjopen-2022-067663
3. **Jonas K**, Beattie D, Crutzen R, **Mathews C**. Who is exposed to HIV prevention interventions? An assessment of associated factors among adolescent girls and young women in South Africa. *AIDS and Behavior*. 2023 Mar 01.
DOI: 10.1007/s10461-023-04023-1

4. Kathree T, Bachmann M, **Bhana A**, Grant M, Mntambo N, Gigaba S, Kemp CG, Rao D, Petersen I. Management of depression in chronic care patients using a task-sharing approach in a real-world primary health care setting in South Africa: Outcomes of a cohort study. *Community Mental Health Journal*. 2023 Mar 24.
DOI: 10.1007/s10597-023-01108-y
5. Myburgh N, Mulaudzi M, Tshabalala G, Beta N, Gutu K, Vermaak S, Lau C, Hill C, Stanberry L, James W, Madhi S, Makadzange T, **Dietrich JJ**. A qualitative study exploring motivators and barriers to COVID-19 vaccine uptake among adults in South Africa and Zimbabwe. *Vaccines*. 2023 Mar 25;11(4):729.
DOI: 10.3390/vaccines11040729
6. Selohilwe O, Fairall L, **Bhana A**, Kathree T, Zani B, Folb N, Lund C, Thornicroft G, Petersen I. Challenges and opportunities for implementation and dissemination of a task-sharing counselling intervention for depression at primary health care level in South Africa. *International Journal of Mental Health Systems*. 2023 Mar 30;17(1):7.
DOI: 10.1186/s13033-023-00575-w
7. Theilmann M, Ginindza N, Myeni J, Dlamini S, Cindzi BT, Dlamini D, Dlamini TL, Greve M, Harkare HV, Hleta M, Khumalo P, Kolbe LM, **Lewin S**, Marowa L-R, Masuku S, Mavuso D, Molemans M, Ntshalintshali N, Nxumalo N, Osetinsky B, Pell C, Reis R, Shabalala F, Simelane BR, Stehr L, Tediosi F, van Leth F, De Neve J-W, Barnighausen T, Geldsetzer P. Strengthening primary care for diabetes and hypertension in Eswatini: Study protocol for a nationwide cluster-randomized controlled trial. *Trials*. 2023 Mar 22;24(1):210.
DOI: 10.1186/s13063-023-07096-4

HIV and Other Infectious Diseases

1. **Dassaye R**, Wand H, Reddy T, Tanser F, Sartorius B, Morris N, **Ramjee G**. Spatial variations in STIs among women enrolled in HIV prevention clinical trials in Durban, KwaZulu-Natal, South Africa. *SAHARA J*. 2023 Mar 30;20(1):2193238.
DOI: 10.1080/17290376.2023.2193238
2. Jacobson BF, Schapkaitz E, Takalani A, Rowji PF, Louw V, Opie J, Bekker LG, Garrett N, **Goga A**, Reddy T, Zuma NY, Sanne I, Seocharan I, Peter J, Robinson M, Collie S, Khan A, Takuva S, Gray G. Vascular thrombosis after single dose Ad26.COV2.S vaccine in healthcare workers in South Africa: Open label, single arm, phase 3B study (Sisonke study). *BMJ Medicine*. 2023 Mar 23;2(1):e000302.
DOI: 10.1136/bmjmed-2022-000302
3. **Ramraj T**, Chirinda W, Jonas K, Govindasamy D, Jama N, McClinton Appollis T, Zani B, Mukumbang FC, Basera W, Hlongwa M, Turawa EB, Mathews C, Nicol E. Service delivery models that promote linkages to PrEP for adolescent girls and young women and men in sub-Saharan Africa: A scoping review. *BMJ Open*. 2023 Mar 27;13(3):e061503.
DOI: 10.1136/bmjopen-2022-061503

Non-Communicable Disease

1. Conradie C, Baumgartner J, Symington E, Malan L, **Faber M**, Smuts CM. Maternal nutrient patterns are associated with fetal head circumference and femur length: The Nuped study. *Clinical Nutrition ESPEN*. 2023 Mar 22.
DOI: 10.1016/j.clnesp.2022.09.617

2. Dzudie A, Barche B, Zomene F, Ebasone PV, Nkoke C, Mouliom S, Sidikatou D, Lade V, Ngote H, Njankouo YM, Mbatchou BH, Kamdem F, Njebet J, **Kengne AP**, Choukem SP. Real-world effectiveness and safety of two-drug single pill combinations of antihypertensive medications for blood pressure management: A follow-up on daily cardiology practice in Douala, Cameroon. *Advances in Therapy*. 2023 Mar 14.
DOI: 10.1007/s12325-023-02461-w
3. **Faber M**. The complexity of choosing healthy diets. *South African Journal of Clinical Nutrition*. 2023 Mar 31;36(1):i-ii.
DOI: 10.1080/16070658.2023.2187545
4. **Hill J, Faber M, Peer N, George C, Oldenburg B, Kengne AP**. Adapting and developing a diabetes prevention intervention programme for South Africa: Curriculum and tools. *International Journal of Environmental Research and Public Health*. 2023 Mar 02;20(5):4463.
DOI: 10.3390/ijerph20054463
5. Ilori TO, Zhen A, Velani RN, Zhao R, Echouffo-Tcheugui J, Anderson CAM, Waikar SS, **Kengne AP**. The impact of dietary and lifestyle interventions on blood pressure management in sub-Saharan Africa: A systematic review and metanalysis. *Journal of Hypertension*. 2023 Mar 10.
DOI: 10.1097/HJH.0000000000003411
6. NCD Risk Factor Collaboration (NCD-RisC): Includes: [**Kengne AP**, Kruger HS, Kruger R, **Peer N**]. Diminishing benefits of urban living for children and adolescents' growth and development. *Nature*. 2023 Mar 29;615(7954):874-83.
DOI: 10.1038/s41586-023-05772-8
7. Osei-Yeboah J, Moll van Charante EP, **Kengne A-P**, Owusu-Dabo E, van den Born B-JH, Galenkamp-van der Ploeg H, Chilunga FP, Boateng D, Motazedi E, Agyemang C. Cardiovascular risk estimation based on country-of-birth- and country-of-residence-specific scores among migrants in the Netherlands: The HELIUS Study. *International Journal of Environmental Research and Public Health*. 2023 Mar 15;20(6):5148.
DOI: 10.3390/ijerph20065148
8. **Peer N, Nguyen KA, Hill J, Sumner AE, Cikomola JC, Nachega JB, Kengne AP**. Prevalence and influences of diabetes and prediabetes among adults living with HIV in Africa: A systematic review and meta-analysis. *Journal of the International AIDS Society*. 2023 Mar 16; 26(3):e26059.
DOI: 10.1002/jia2.26059
9. Seabela ES, **Modjadji P**, Mokwena KE. Facilitators and barriers associated with breastfeeding among mothers attending primary healthcare facilities in Mpumalanga, South Africa. *Frontiers in Nutrition*. 2023 Mar 14;10:1062817.
DOI: 10.3389/fnut.2023.1062817
10. Sureshkumar S, Mwangi KJ, Gathecha G, Marcus K, Kohlbrenner B, Issom D, Benissa MR, Aebischer-Perone S, Braha N, Candela E, Chhabra KG, Desikachari BR, Dondi V A, Etchebehere M, **Kengne AP**, Missoni E, Mustapha F, Palafox B, Pati S, Madhu PP, **Peer N**, Quint J, Tabrizi R, Yusoff H, Oris M, Beran DH, Balabanova D, Etter JF. Exploring key-stakeholder perceptions on non-communicable disease care during the COVID-19 pandemic in Kenya. *Pan African Medical Journal*. 2023 Mar 30;44:153.
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Office of Malaria Research

1. **Maharaj R**, Ward A, Didier B, Seocharan I, Firas N, Balawanth R, Lucero D, Morris N, Shandukani M, Raswiswi E, Malatjie G, Mabunda E, Moonasar D. The effect of the COVID-19 lockdown on malaria transmission in South Africa. *Malaria Journal*. 2023 Mar 24;22(1):107. DOI: 10.1186/s12936-023-04542-1

Office of Tuberculosis Research

1. Moyo S, Ismail F, Mkhondo N, **van der Walt M**, Dlamini SS, **Mthiyane T**, Naidoo I, Zuma K, Tadolini M, Law I, Mvusi L. Healthcare seeking patterns for TB symptoms: Findings from the first national TB prevalence survey of South Africa, 2017-2019. *PLoS One*. 2023 Mar 15; 18(3):e0282125. DOI: 10.1371/journal.pone.0282125

Office of the President/Vice-President

1. Abrams J, Ramos Nascimento B, Pereira Nunes M, Cunha GG, Diamante L, Cardoso C, Amaral AM, Fava L, Chavez LMT, Sable CA, **Zuhlke L**. Strengthening management and support for rheumatic heart disease patients in underserved communities in Brazil. *Journal of the American College of Cardiology*. 2023 Mar 04;81(8_Supplement):2347.
2. Malahleha M, Laher F, Dilraj A, Smith P, **Gray GE**, Grove D, Odhiambo JA, Andrasik MP, Grunenberg NA, Moodie Z, Huang Y, Borate BR, Gillespie KM, Allen M, Atujuna M, Singh N, Kalonji D, Meintjes G, Kotze P, Bekker LG, Janes H. Risk factors associated with HIV acquisition in males participating in HIV vaccine efficacy trials in South Africa. *AIDS and Behavior*. 2023 Mar 16. DOI: 10.1007/s10461-023-04025-z

South African Cochrane Centre

1. Abrahams K, Mallick R, **Hohlfeld AS**, Pillay T, Sulaiman T, Kathard H. Emerging professional practices focusing on reducing inequity in speech-language therapy and audiology: A scoping review. *International Journal for Equity in Health*. 2023 Mar 10;22(1):43. DOI: 10.1186/s12939-022-01815-0
2. Funnell S, Jull J, Mbuagbaw L, Welch V, Dewidar O, Wang X, Lesperance M, Ghogomu E, Rizvi A, Akl EA, Avey MT, Antequera A, Bhutta ZA, Chamberlain C, Craig P, Cuervo LG, Dicko A, Ellingwood H, Feng C, Francis D, Greer-Smith R, Hardy BJ, Harwood M, Hatcher-Roberts J, Horsley T, Juando-Prats C, Kasonde M, Kennedy M, **Kredo T**, Krentel A, Kristjansson E, Langer L, Little J, Loder E, Magwood O, Mahande MJ, Melendez-Torres GJ, Moore A, Niba LL, Nicholls SG, Nkangu MN, Lawson DO, Obuku E, Okwen P, Pantoja T, Petkovic J, Petticrew M, Pottie K, Rader T, Ramke J, Riddle A, Shamseer L, Sharp M, Shea B, Tanuseputro P, Tugwell P, Tufte J, Von Elm E, Waddington HS, Wang H, Weeks L, Wells G, White H, **Wiysonge CS**, **Wolfenden L**, Young T. Improving social justice in observational studies: Protocol for the development of a global and indigenous STROBE-equity reporting guideline. *International Journal for Equity in Health*. 2023 Mar 30;22(1):55. DOI: 10.1186/s12939-023-01854-1
3. Kakubu MAM, Bikinesi T, **Katoto PDMC**. Lamivudine induced pure red cell aplasia and HIV-1 drug resistance-associated mutations: A case report. *Oxford Medical Case Reports*. 2023 Mar 25;2023(3):omad022. DOI: 10.1093/omcr/omad022

4. **Mavundza EJ, Cooper S, Wiysonge CS.** A Systematic review of factors that influence parents' views and practices around routine childhood vaccination in Africa: A qualitative evidence synthesis. *Vaccines*. 2023 Mar 01;11(3):563.
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5. Shelly CE, Logan C, Skorochod B, Wiyeh A, **Ndwandwe D**, Choko A, Valea I, Titanji BK. Creating a best practice template for participant communication plans in global health clinical studies. *Trails*. 2023 Mar 2;24(1):158.
DOI: 10.1186/s13063-023-07185-4
6. Silva F, Rodrigues Amorim Adegboye A, Lachat C, Curioni C, Gomes F, Collins GS, Kac G, de Beyer JA, Cook J, Ismail LC, Page M, Khandpur N, Lamb S, Hopewell S, Kirtley S, **Durão S**, Vorland CJ, Schlusser MM. Completeness of reporting in diet- and nutrition-related randomized controlled trials and systematic reviews with meta-analysis: Protocol for 2 independent meta-research studies. *JMIR Research Protocols*. 2023 Mar 23;12:e43537.
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2. EXTRAMURAL RESEARCH UNITS

Antibody Immunity

1. Mahomed S, Garrett N, Capparelli EV, Osman F, **Mkhize NN**, Harkoo I, Gengiah TN, Mansoor LE, Baxter C, Archary D, Yende-Zuma N, Samsunder N, Carlton K, Narpala S, McDermott AB, Doria-Rose NA, **Moore PL**, **Morris L**, Abdool Karim Q, Mascola JR, Abdool Karim SS. Safety and pharmacokinetics of escalating doses of neutralising monoclonal antibody CAP256V2LS administered with and without VRC07-523LS in HIV-negative women in South Africa (CAPRISA 012B): A phase 1, dose-escalation, randomised controlled trial. *The Lancet HIV*. 2023 Mar 29.
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Centre for Antimicrobial Resistance

1. **Esmail A**, **Randall P**, **Oelofse S**, **Tomasicchio M**, **Pooran A**, **Meldau R**, **Makambwa E**, **Mottay L**, **Jaumdally S**, **Calligaro G**, **Meier S**, de Kock M, Gumbo T, Warren RM, **Dheda K**. Comparison of two diagnostic intervention packages for community-based active case finding for tuberculosis: An open-label randomized controlled trial. *Nature Medicine*. 2023 Mar 09.
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Centre for Health Economic and Decision Science

1. **Abdool Karim S**, Shoji B. Is a right to health a means to protect public health? South Africa as a model for a communitarian interpretation of the right to health for the promotion of public health. *International Journal of Human Rights*. 2023 Mar 24.
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2. Brugulat-Panés A, **Randall L**, de Sá TH, Anil M, Kwan H, Tatah L, Woodcock J, Hambleton IR, Mogo ERI, Micklesfield L, Pley C, Govia I, Matina SS, Makokha C, Dambisya PM, Karim SA, Pujol-Busquets G, Okop K, Mba CM, Ware LJ, Assah F, Nembulu B, Mukoma G, Lucas WC, Bennett N, Tulloch-Reid MK, Awinja AC, Anand T, Foley L. The potential for healthy, sustainable, and equitable transport systems in Africa and the Caribbean: A mixed-methods systematic review and meta-study. *Sustainability*. 2023 Mar 16;15(6):5303.
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3. **Desmond C**, Watt K, Boua PR, Moore C, **Erzse A**, Sorgho H, **Hofman K**, Roumba T, Tinto H, Ward KA, INPreP group. Investing in human development and building state resilience in fragile contexts: A case study of early nutrition investments in Burkina Faso. *PLoS Global Public Health*. 2023 Mar 29;3(3):e0001737.
DOI: 10.1371/journal.pgph.0001737
4. Gilmore AB, Fabbri A, Baum F, Bertscher A, Bondy K, Chang HJ, Demaio S, **Erzse A**, Freudenberg N, Friel S, **Hofman KJ**, Johns P, **Abdool Karim S**, Lacy-Nichols J, de Carvalho CMP, Marten R, McKee M, Petticrew M, Robertson L, Tangcharoensathien V, Thow AM. Defining and conceptualising the commercial determinants of health. *The Lancet*. 2023 Mar 23.
DOI: 10.1016/S0140-6736(23)00013-2
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4. RESEARCH CENTRES

Soweto Matlosana SAMRC Collaborating Centre for HIV/AIDS and TB

1. Stone J, Looker KJ, Silhol R, Turner KME, Hayes R, **Coetzee J**, Baral S, Schwartz S, Mayaud P, Gottlieb S, Boily MC, Vickerman P. The population impact of herpes simplex virus type 2 (HSV-2) vaccination on the incidence of HSV-2, HIV and genital ulcer disease in South Africa: A mathematical modelling study. *EBioMedicine*. 2023 Mar 16.
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5. CLOSED RESEARCH UNITS

Immunology of Infectious Disease

1. Basit SA, Qureshi R, Musleh S, **Guler R**, Rahman MS, Biswas KH, Alam T. COVID-19Base v3: Update of the knowledgebase for drugs and biomedical entities linked to COVID-19. *Frontiers in Public Health*. 2023 Mar 06;11:1125917.
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Inter-University Cape Heart

1. Motchon YD, Sack KL, Sirry MS, **Kruger M**, Pauwels E, Van Loo D, De Muynck A, Van Hoorebeke L, **Davies NH**, Franz T. Effect of biomaterial stiffness on cardiac mechanics in a biventricular infarcted rat heart model with microstructural representation of in situ intramyocardial injectate. *International Journal for Numerical Methods in Biomedical Engineering*. 2023 Mar 02.
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6. RESEARCH UNITS WITH NO PUBLICATIONS

Intramural

- Office of AIDS and TB Research
- Primate

Extramural

- Antimicrobial Resistance and Global Health Research
- Antiviral Gene Therapy
- Bioinformatics and Capacity Development
- Cardiometabolic Health
- Gynaecological Cancer Research Centre
- Health Service to Systems Research
- Herbal Drugs
- Masculinities and Health
- Platform for Pharmacogenomics Research and Translation
- South African Population Research Infrastructure Network
- Stem Cell Research Therapy
- Wound and Keloid Scarring Translational

Research Centre

- Advancing Care and Treatment (ACT) For TB/HIV
- Centre for Basic and Translational Human TB Research
- Centre for Multi-Disciplinary Research on Malaria
- Centre for Optimising Antimalarial Therapy in South Africa
- Centre for Sustainable Malaria Control
- Centre for Tuberculosis Biomarker-Targeted Intervention
- Clinical and Community HIV-Tuberculosis Research
- 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

7. GRANTS AWARDED

SAMRC LIST OF NEW CONTRACTS FOR MARCH 2023					
SAMRC Unit	Funder	Main Funder	Project Title/Description	Contract Value	
				Rand	Foreign Currency
ATODRU	DG Murray Trust	DG Murray Trust	GAPC2023 – A catalyst for alcohol policy reform in South Africa	R498,000.00	
	Harvard Medical School	National Institute of Health	Investigating bacterial contributions to TB treatment response: A focus on in-host pathogen dynamics	R3,499,191.00	\$198,742.00
	National Research Foundation	National Research Foundation	Competitive Programme for Rated Researchers - JR Bantjes Grant Nr 142143	R343,652.00	
	National Research Foundation	National Research Foundation	Thuthuka grant – N, Hornsby Grant Nr 129905	R126,892.00	
Biostatistics	National Research Foundation	National Research Foundation	Thuthuka grant– JM Chetty Grant Nr 138203	R61,304.00	
BRIP	Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ) GmbH	Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ) GmbH	Programm implementing the Nagoya-Protocol of the Convention on Biological Diversity (ABS Initiative)	R1,433,206.00	€ 75,282.00
	National Research Foundation	National Research Foundation	Competitive Programme for Rated Researchers - PV Dlodla Grant Nr 141929	R226,087.00	

	National Research Foundation	National Research Foundation	National Equipment Programme 2023- R Johnson Grant Nr 150430	R7,969,488.00	
	National Research Foundation	National Research Foundation	Postdoctoral Fellowship: KM Malemela Grant Nr 138463	R217,391.00	
	National Research Foundation	National Research Foundation	Postdoctoral Fellowship: NF Sangweni Grant Nr UID 138454	R265,217.00	
	National Research Foundation	National Research Foundation	Thuthuka grant – Stephanie Dias Grant Nr 129844	R84,222.00	
	National Research Foundation	National Research Foundation	Thuthuka grant – KB Gabuza Grant Nr 138303	R67,130.00	
	National Research Foundation	National Research Foundation	Thuthuka grant – BU Jack Grant Nr 129508	R80,000.00	
EHRU	National Research Foundation	National Research Foundation	Competitive Programme for Rated Researchers - A Mathee Grant Nr 138009	R121,739.00	
Executive Scientist	World Health Organization	World Health Organization	Agreement for Performance of Work – Putting women first	R296,270.00	
HIDRU	Family Health International	Family Health International	HPTN Grant Nr PO23000894 (Cost Reimbursable)	R158,460.00	\$9,000.00

NCDRU	Imperial College of Science, Technology and Medicine	UK MRC	Worldwide phenotypes and transitions in obesity-Related multimorbidity	R8,693,072.00	£401,027.00
OATB	University of Oxford	Children's Investment Fund Foundation	Global Learning Hub for Outcome-based Approaches	R2,709,624.00	£125,000.00
TB	National Research Foundation	National Research Foundation	IPRR Martie van der Walt	R43,478.00	
	National Research Foundation	National Research Foundation	Competitive Programme for Unrated Researchers - Gabriel Mashabela Grant Nr 138094	R45,217.00	
	National Research Foundation	National Research Foundation	Competitive Programme for Unrated Researchers - V Mavumengwana Grant Nr 129364	R262,248.00	

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