

CELEBRATES SCIENCE



February 2024

1. INTRAMURAL RESEARCH UNITS

Biomedical Research and Innovation Platform

1. Bengtson AM, Madlala H, Matjila MJ, **Goedecke JH**, Cu-Uvin S, McGarvey ST, Werner E, Myer L. Cardiometabolic health in pregnancy and postpartum: Findings from a prospective cohort study in South Africa. *Open Forum Infectious Diseases*. 2024 Feb 22;11(3):ofae093. DOI: 10.1093/ofid/ofae093
2. Ismail EA, Omolo CA, Gafar MA, Khan R, Nyandoro VO, **Salifu EY**, Govender T. Multi-functional pH-responsive and biomimetic chitosan-based nanoplexes for targeted delivery of ciprofloxacin against bacterial sepsis. *International Journal of Biological Macromolecules*. 2024 Feb 7. DOI: 10.1016/j.ijbiomac.2024.130046
3. Madlala HP, Myer L, Geffen H, Meyer D, Mendham AE, **Goedecke JH**, Bengtson AM, Jao J, Dugas LR. Measurement of body composition in postpartum South African women living with and without HIV infection. *Frontiers in Nutrition*. 2024 Feb 7;11:1280425. DOI: 10.3389/fnut.2024.1280425
4. **Moetlediwa MT**, **Jack BU**, Mazibuko-Mbeje SE, **Pheiffer C**, Titinchi SJJ, **Salifu EY**, **Ramharack P**. Evaluating the therapeutic potential of curcumin and synthetic derivatives: A computational approach to anti-obesity treatments. *International Journal of Molecular Sciences*. 2024 Feb 23;25(5):2603. DOI: 10.3390/ijms25052603
5. **Mthembu SXH**, Mazibuko-Mbeje SE, Silvestri S, Orlando P, Marcheggiani F, Cirilli I, Nkambule BB, **Muller CJF**, Tiano L, Dlodla PV. Low levels and partial exposure to palmitic acid improves mitochondrial function and the oxidative status of cultured cardiomyoblasts. *Toxicology Reports*. 2024 Feb 2. DOI: 10.1016/j.toxrep.2024.01.014
6. Naicker D, Rhoda C, Sunda F, **Arowolo A**. Unravelling the intricate roles of FAM111A and FAM111B: From protease-mediated cellular processes to disease implications. *International Journal of Molecular Sciences*. 2024 Feb 29;25(5):2845. DOI: 10.3390/ijms25052845
7. **van Onselen R**, Kennedy C, Downing TG. Protection against β -N-methylamino-L-alanine—induced vesicular monoamine transporter 2 inhibition by hydroxyl-containing proteinogenic amino acids. *Environmental Toxicology and Pharmacology*. 2024 Feb 23. DOI: 10.1016/j.etap.2024.104399

Biostatistics

1. Derman W, Runciman P, Eken M, Boer PH, Blauwet C, Bogdos E, Hirschmueller A, **Jordaan E**, Kissick J, Lexell J, Mohammadi F, Patricio M, Schwellnus M, Webborn N, Zhou JX. Incidence of injury and illness at the Beijing 2022 Paralympic winter games held in a closed-loop environment: A prospective cohort study of 7332 athlete days. *British Journal of Sports Medicine*. 2024 Feb 28. DOI: 10.1136/bjsports-2023-107525
2. Kaulback K, **Schwellnus M**, Sewry N, **Lombard C**, **Jordaan E**, **Wood P**. The cardiovascular response to exercise in athletes recovering from SARS-CoV-2 infection: A prospective cohort study with repeated measures over 16 weeks – AWARE IX. *Journal of Sports Sciences*. 2024 Feb 7; 41(23):2077-87. DOI: 10.1080/02640414.2024.2312054

3. Wand H, Naidoo S, Govender V, **Reddy T**, Moodley J. Preventing stunting in South African children under 5: Evaluating the combined impacts of maternal characteristics and low socioeconomic conditions. *Journal of Prevention*. 2024 Feb 28.
DOI: 10.1007/s10935-024-00766-2

Burden of Disease

1. Gizaw M, Parkin DM, Stöter O, Bukirwa P, Seife E, Chesumbai G, Korir A, Liu B, Manraj SS, Nda G, **Somdyala NIM**, Kantelhardt EJ. Ovarian cancer survival in sub-Saharan Africa by human development index and histological subtypes: A population-based registry study. *International Journal of Cancer*. 2024 Feb 10.
DOI: 10.1002/ijc.34877
2. Johnson LF, Kassanjee R, Folb N, Bennett S, Boulle A, Levitt NS, Curran R, Bobrow K, **Roomaney RA**, Bachmann MO, Fairall LR. A model-based approach to estimating the prevalence of disease combinations in South Africa. *BMJ Global Health*. 2024 Feb 22;9(2):e013376.
DOI: 10.1136/bmjgh-2023-013376

Centre for Tuberculosis

1. **Cooke DM**, Clarke C, **Kerr TJ**, **Warren RM**, **Witte C**, **Miller MA**, **Goosen WJ**. Detection of *Mycobacterium bovis* in nasal swabs from communal goats (*Capra hircus*) in rural KwaZulu-Natal, South Africa. *Frontiers in Microbiology*. 2024 Feb 14;15:1349163.
DOI: 10.3389/fmicb.2024.1349163
2. **Ndong Sima CAA**, Othman H, **Moller M**, Project Africa Gradient Consortium; includes: [Uren C, Oelofse C, Schurz H, Petersen DC, **Warren RM**, **Kinnear CJ**, Chibale K, Njoroge M, Mulubwa M, Martinson NA]. Advancing pharmacogenetics research in Africa: The "Project Africa GRADIENT" initiative. *Drug Discovery Today*. 2024 Feb 29.
DOI: 10.1016/j.drudis.2024.103939

Environment and Health

1. **Wright CY**, Millar DA, **Kapwata T**, Rodgers G, Batini C, Theron L. Social-ecological-resilience enablers among youth residing in the air polluted highveld priority area of South Africa. *International Journal of Adolescence and Youth*. 2024 Feb 29;29(1):e2322569.
DOI: 10.1080/02673843.2024.2322569

Gender and Health

1. Chimwaza-Manda W, Kamndaya M, Chipeta EK, **Sikweyiya Y**. Sexual health knowledge acquisition processes among very young adolescent girls in rural Malawi: Implications for sexual and reproductive health programs. *PLoS One*. 2024 Feb 23;19(2):e0276416.
DOI: 10.1371/journal.pone.0276416
2. Fordjuoh J, Dolezal C, **Bhengu N**, Harrison AD, Exner TM, **Hanass-Hancock J**, Hoffman S. Peer-to-peer chain recruitment for enrolling young South African women into an HIV Pre-exposure Prophylaxis (PrEP) intervention study: How did it perform? *AIDS Behavior*. 2024 Feb 28.
DOI: 10.1007/s10461-023-04256-0
3. Magni S, Hatcher A, **Gibbs A**, Wamoyi J, **Dunkle K**, Christofides N. Pathways to transactional sex among peri-urban South African women: The role of relationship control, food insecurity and alcohol misuse. *AIDS Care*. 2024 Feb 9.
DOI: 10.1080/09540121.2024.2307385
4. **Mkhwanazi S**, **Jewkes R**, **Sikweyiya Y**, Washington L, **Gibbs A**. Young men's experiences of being fathered and absent father's experience: A case study from urban informal settlements in South Africa. *Journal of Applied Youth Studies*. 2024 Feb 27.
DOI: 10.1007/s43151-024-00118-1

5. Variava T, **Dekel B**. Understanding and addressing femicide in Africa: A systematic review of empirical research. *BMJ Open*. 2024 Feb 2.
DOI: 10.1136/bmjopen-2023-078160

Health Systems

1. **Dietrich JJ**, Hornschuh S, Madi P, Ramsammy CW, Tsotetsi L, Tshabalala G, Nkala-Dlamini B, Violari A, Kidman R. Implementing ecological momentary assessments to measure violence and adolescent HIV transmission risk: Lessons from Johannesburg, South Africa. *PLOS Digital Health*. 2024 Feb 2;3(2):e0000283.
DOI: 10.1371/journal.pdig.0000283
2. **Durão S**. There is a need to address uptake of core outcome sets in research and guidelines. *Journal of Clinical Epidemiology*. 2024 Feb 27.
DOI: 10.1016/j.jclinepi.2024.111310
3. **Mthethwa M**, Mbeye NM, Effa E, Arikpo D, **Blöse N**, Brand A, Chibuzor M, Chipojola R, **Durao S**, Esu E, Kallon, II, Kunje G, Lakudzala S, Naude C, **Leong TD**, **Lewin S**, **Mabetha D**, McCaul M, Meremikwu M, Vandvik PO, **Kredo T**. Newborn and child health national and provincial clinical practice guidelines in South Africa, Nigeria and Malawi: A scoping review. *BMC Health Services Research*. 2024 Feb 19;24(1):221.
DOI: 10.1186/s12913-024-10682-0

HIV and Other Infectious Diseases

1. **Daniels B**. Tailoring vertical transmission programmes: Model for prioritising strategies. *Lancet Global Health*. 2024 Feb 14.
DOI: 10.1016/s2214-109x(24)00039-1

Non-Communicable Disease

1. Ebasone PV, Tiam A, Tchendjou P, Foaleng M, Khan EM, Ajeh R, Tchounga B, Shu EN, Mabou G, Melpsa J, Muffih PT, **Kengne AP**, Zoung-Kany AC, Dzudie A, Thienemann F. Assessment of knowledge and self-efficacy among health professionals and clinical scientists following the Cameroon HIV/AIDS Research Forum (CAM-HERO 2022) research methodology and bioethics training. *Pan African Medical Journal*. 2024 Feb 27;47:91.
DOI: 10.11604/pamj.2024.47.91.41870
2. **Kengne AP**, Ramachandran A. Feasibility of prevention of type 2 diabetes in low- and middle-income countries. *Diabetologia*. 2024 Feb 15.
DOI: 10.1007/s00125-023-06085-1
3. **Kengne AP**, Brière JB, Gudiña IA, Jiang X, Kodjamanova P, Bennetts L, Khan ZM. The impact of non-pharmacological interventions on adherence to medication and persistence in dyslipidaemia and hypertension: A systematic review. *Expert Review Pharmacoeconomics Outcomes Research*. 2024 Feb 27.
DOI: 10.1080/14737167.2024.2319598
4. **Mabhida SE**, **McHiza ZJ**, Mokgalaboni K, Hanser S, Choshi J, Mokoena H, Ziqubu K, Masilela C, Nkambule BB, Ndwandwe DE, **Kengne AP**, Dlodla PV. High-sensitivity C-reactive protein among people living with HIV on highly active antiretroviral therapy: A systemic review and meta-analysis. *BMC Infectious Diseases*. 2024 Feb 2;24(1):160.
DOI: 10.1186/s12879-024-09050-4
5. Mathabela B, Madiba S, **Modjadji P**. Exploring barriers to accessing sexual and reproductive health services among adolescents and young people with physical disabilities in South Africa. *International Journal of Environmental Research and Public Health*. 2024 Feb 8;21(2):199.
DOI: 10.3390/ijerph21020199

6. Mokoena H, **Mabhida SE**, Choshi J, Dlodla PV, Nkambule BB, **Mchiza ZJ**, Ndwandwe DE, **Kengne AP**, Hanser S. Endothelial dysfunction and cardiovascular diseases in people living with HIV on specific highly active antiretroviral therapy regimen: A systematic review of clinical studies. *Atherosclerosis Plus*. 2024 Feb 5. DOI: 10.1016/j.athplu.2024.01.003
7. NCD Risk Factor Collaboration (NCD-RisC) – Africa Working Group; include: [**Kengne AP**; Kruger HS; **Peer N**]. Worldwide trends in underweight and obesity from 1990 to 2022: A pooled analysis of 3663 population-representative studies with 222 million children, adolescents, and adults. *Lancet*. 2024 Feb 29. DOI: 10.1016/S0140-6736(23)02750-2
8. Olowoyo P, Dzudie A, Okekunle AP, Obiako R, Mocumbi A, Beheiry H, Parati G, Lackland DT, Sarfo FS, Odili A, Adeoye AM, Wahab K, Agyemang C, Campbell N, **Kengne AP**, Whelton PK, Pellicori P, Ebenezer AA, Adebayo O, Olalusi O, Jegede A, Uvere E, Adebajo O, Awuah B, Moran A, Williams B, Guzik TJ, Kokuro C, Bukachi F, Ogah OS, Delles C, Maffia P, Akinyemi R, Barango P, Ojji D, Owolabi M. ACHIEVE conference proceedings: Implementing action plans to reduce and control hypertension burden in Africa. *Journal of Human Hypertension*. 2024 Feb 29. DOI: 10.1038/s41371-024-00903-8

Office of Malaria Research

1. Akoniyon OP, Akiibinu M, Adeleke MA, **Maharaj R**, Okpeku M. A comparative study of genetic diversity and multiplicity of infection in uncomplicated plasmodium falciparum infections in selected regions of pre-elimination and high transmission settings using MSP1 and MSP2 genes. *Pathogens*. 2024 Feb 13;13(2):172. DOI: 10.3390/pathogens13020172
2. Witbooi PJ, Gbenga J, Abiodun, **Maharaj R**. Modeling the effect of imported malaria on the elimination programme in KwaZulu-Natal province of South Africa. *Pan African Medical Journal*. 2024 Feb 21;47:80. DOI: 10.11604/pamj.2024.47.80.35882

Office of the President/Vice-President

1. Jacquemyn X, Singh TP, Gossett JG, Averin K, Kutty S, **Zühlke LJ**, Abdullahi LH, Kulkarni A. Mortality and heart transplantation after hybrid palliation of hypoplastic left heart syndrome: A systematic review and meta-analysis. *World Journal for Pediatric and Congenital Heart Surgery*. 2024 Feb 25. DOI: 10.1177/21501351231224323

Office of AIDS and TB Research

1. Hamada Y, Quartagno M, Law I, Malik F, Bonsu FA, Adetifa IMO, Adusi-Poku Y, D'Alessandro U, Bashorun AO, Begum V, Lolong DB, Boldoo T, Dlamini T, Donkor S, Dwihardiani B, Egwaga S, Farid MN, Garfin AMCG, Gaviola DMG, Husain MM, Ismail F, Kaggwa M, Kamara DV, Kasozi S, Kaswaswa K, Kirenga B, Klinkenberg E, Kondo Z, Lawanson A, Macheque D, Manhiça I, Maama-Maime LB, Mfinanga S, Moyo S, Mpunga J, Mthiyane T, Mustikawati DE, Mvusi L, Nguyen HB, Nguyen HV, Pangaribuan L, Patrobas P, Rahman M, Rahman M, Rahman MS, Raleting T, Riono P, Ruswa N, Rutebemberwa E, Rwabinumi MF, Senkoro M, Sharif AR, Sikhondze W, Sismanidis C, Sovd T, Stavia T, Sultana S, Suriani O, Thomas AM, Tobing K, **Van der Walt M**, Walusimbi S, Zaman MM, Floyd K, Copas A, Abubakar I, Rangaka MX. Tobacco smoking clusters in households affected by tuberculosis in an individual participant data meta-analysis of national tuberculosis prevalence surveys: Time for household-wide interventions? *PLOS Global Public Health*. 2024 Feb 29;4(2):e0002596. DOI: 10.1371/journal.pgph.0002596

2. Bano N, Sajid I, Faizi SAA, **Mutshembele A**, Barh D, Raza K. Computational intelligence methods for biomarkers discovery in autoimmune diseases: Case studies. Chapter 15. In: Raza K, Singh S, editors. Artificial intelligence and autoimmune diseases: Applications in the diagnosis, prognosis, and therapeutics. Singapore: Springer Nature Singapore; 2024 Feb 14. p. 303-323

South African Cochrane Centre

1. **Adamu AA**, Jalo RI, Muhammad ID, Essoh TA, **Ndwandwe D**, **Wiysonge CS**. Sustainable financing for vaccination towards advancing universal health coverage in the WHO African region: The strategic role of national health insurance. Human Vaccines and Immunotherapeutics. 2024 Feb 27.
DOI: 10.1080/21645515.2024.2320505
2. Fabunmi OA, **Dludla PV**, Nkambule BB. Effect of combined oral contraceptive on cardiorespiratory function and immune activation in premenopausal women involved in exercise: A systematic review protocol. PLoS One. 2024 Feb 23;19(2):e0298429.
DOI: 10.1371/journal.pone.0298429
3. Marinda E, Mathentamo Q, Coulson N, Parker S, **Katoto PDMC**, Houston G, Magampa M, Pillay N, Ngungu M, **Wiysonge CS**, van Rooyen H. Impact evaluation of a youth led intervention to increase COVID-19 vaccine uptake in Kwazulu-Natal, South Africa. Vaccine. 2024 Feb 29.
DOI: 10.1016/j.vaccine.2024.02.052
4. **Nnaji CA**, Amaechi UA, **Wiysonge CS**. R21/Matrix-M vaccine: Optimising supply, maximising impact. Lancet. 2024 Feb 10;403(10426):525.
DOI: 10.1016/S0140-6736(23)02716-2
5. Ntsethe A, Mkhwanazi ZA, **Dludla PV**, Nkambule BB. B cell subsets and immune checkpoint expression in patients with chronic Lymphocytic Leukemia. Current Issues in Molecular Biology. 2024 Feb 23;46(3):1731-1740.
DOI: 10.3390/cimb46030112

2. EXTRAMURAL RESEARCH UNITS

Antibody Immunity

1. Planas D, Peng L, Zheng L, Guivel-Benhassine F, Staropoli I, Porrot F, Bruel T, **Bhiman JN**, Bonaparte M, Savarino S, de Bruyn G, Chiczy RM, **Moore PL**, Schwartz O, Sridhar S. Beta-variant recombinant booster vaccine elicits broad cross-reactive neutralization of SARS-CoV-2 including Omicron variants. *Heliyon*. 2024 Feb 28. DOI: 10.1016/j.heliyon.2024.e27033

Cardiometabolic Health

1. **Tshivhase AM, Matsha T, Raghubeer S**. The protective role of resveratrol against high glucose-induced oxidative stress and apoptosis in HepG2 cells. *Food Science & Nutrition*. 2024 Feb 16. DOI: 10.1002/fsn3.4027

Centre for Health Economic and Decision Science

1. **Moolla A, Mdewa W, Erzse A, Hofman K, Thsehla E, Goldstein S, Kohli-Lynch C**. A cost-effectiveness analysis of a South African pregnancy support grant. *PLOS Global Public Health*. 2024 Feb 8;4(2):e0002781. DOI: 10.1371/journal.pgph.0002781

Child and Adolescent Lung Health

1. Wang X, Li Y, Shi T, Bont LJ, Chu HY, **Zar HJ**, Wahi-Singh B, Ma Y, Cong B, Sharland E, Riley RD, Deng J, Figueras-Aloy J, Heikkinen T, Jones MH, Liese JG, Markic J, Mejias A, **Nunes MC**, Resch B, Satav A, Yeo KT, Simoes EAF, **Nair H**; Respiratory Virus Global Epidemiology Network Rescued investigators, includes: [Baillie V, Laubscher M, Madhi SA]. Global disease burden of and risk factors for acute lower respiratory infections caused by respiratory syncytial virus in preterm infants and young children in 2019: A systematic review and meta-analysis of aggregated and individual participant data. *Lancet*. 2024 Feb 14. DOI: 10.1016/S0140-6736(24)00138-7

Developmental Pathways for Health

1. Abdelkhalik F, Joseph P, DeRose L, Olamijuwon E, Dladla P, Ngubane T, Hosegood V, **van Rooyen H, van Heerden A**, McGrath N. AIDS impact special issue 2023: Two-way associations between relationship quality and uptake of couples health screening including HIV testing and counselling together: Quantitative analysis of a couples cohort in rural South Africa. *AIDS Care*. 2024 Feb 21. DOI: 10.1080/09540121.2024.2308741
2. Chinapaw MJM, Klaufus LH, Oyeyemi AL, **Draper C**, Palmeira AL, Silva MN, Van Belle S, Pawlowski CS, Schipperijn J, Altenburg TM. Youth-centred participatory action approach towards co-created implementation of socially and physically activating environmental interventions in Africa and Europe: The YoPA project study protocol. *BMJ Open*. 2024 Feb 21. DOI: 10.1136/bmjopen-2024-084657
3. **Klingberg S**, Adhikari B, **Draper CE, Bosire E**, Nyirenda D, Tiigah P, Mukumbang FC. Enhanced or hindered research benefits? A realist review of community engagement and participatory research practices for non-communicable disease prevention in low- and middle-income countries. *BMJ Global Health*. 2024 Feb 10;9(2):e013712. DOI: 10.1136/bmjgh-2023-013712
4. McNulty LK, Stoutenberg M, Kolkenbeck-Ruh A, Harrison A, Mmoledi T, **Katiyo D, Mhlaba M, Kubheka D, Ware LJ**. Examining the referral of patients with elevated blood pressure to health resources in an under-resourced community in South Africa. *BMC Public Health*. 2024 Feb 8; 24(1):412. DOI: 10.1186/s12889-023-17359-z

5. Ntinga X, Isehunwa OO, Msimango LI, Smith PM, Matthews LT, **van Heerden A**. Perceptions of Pre-exposure Prophylaxis (PrEP) for HIV prevention among men living with HIV in the context of reproductive goals in South Africa: A qualitative study. *BMC Public Health*. 2024 Feb 22;24(1):553. DOI: 10.1186/s12889-024-18118-4
6. **van Rooyen H**. A poetic inquiry: The role of the social sciences and humanities in revitalising AIDS. *AIDS Care*. 2024 Feb 23. DOI: 10.1080/09540121.2024.2319840

Drug Discovery and Development

1. **Woodland JG, Chibale K**. Tips for getting your manuscript accepted into ACS Medicinal Chemistry Letters. *ACS Medicinal Chemistry Letters*. 2024 Feb 27. DOI: 10.1021/acsmmedchemlett.4c00059

Genomics of Brain Disorders

1. **Bardien S**, Braun A, Van Coller R, Hassan Amod F, Carr J, Moosa S. Genetic screening of South African families with Parkinson's disease. *South African Medical Journal*. 2024 Feb 13; 114(2):e1750. DOI: 10.7196/SAMJ.2024.v114i2.1750
2. Hendrikse C, Lückhoff HK, **Fouché JP, van den Heuvel LL**, Emsley R, **Seedat S, du Plessis S**. Fronto-limbic white matter microstructural changes in psychiatrically healthy adults with childhood trauma. *Journal of Neuroscience Research*. 2024 Feb 15;102(2):e25308. DOI: 10.1002/jnr.25308
3. Kim BG, Kim G, Abe Y, Alonso P, Ameis S, Anticevic A, Arnold PD, Balachander S, Banaj N, Bargalló N, Batistuzzo MC, Benedetti F, Bertolín S, Beucke JC, Bollettini I, Brem S, Brennan BP, Buitelaar JK, Calvo R, Castelo-Branco M, Cheng Y, Chhatkuli RB, Ciullo V, Coelho A, Couto B, Dallspezia S, Ely BA, Ferreira S, Fontaine M, **Fouche JP**, Grazioplene R, Gruner P, Hagen K, Hansen B, Hanna GL, Hirano Y, Höxter MQ, Hough M, Hu H, Huyser C, Ikuta T, Jahanshad N, James A, Jaspers-Fayer F, Kasprzak S, Kathmann N, Kaufmann C, Kim M, Koch K, Kvale G, Kwon JS, Lazaro L, Lee J, **Lochner C**, Lu J, Manrique DR, Martínez-Zalacain I, Masuda Y, Matsumoto K, Maziero MP, Menchón JM, Minuzzi L, Moreira PS, Morgado P, Narayanaswamy JC, Narumoto J, Ortiz AE, Ota J, Pariente JC, Perriello C, Picó-Pérez M, Pittenger C, Poletti S, Real E, Reddy YCJ, van Rooij D, Sakai Y, Sato JR, Segalas C, Shavitt RG, Shen Z, Shimizu E, Shivakumar V, Soreni N, Soriano-Mas C, Sousa N, Sousa MM, Spalletta G, Stern ER, Stewart SE, Szeszko PR, Thomas R, Thomopoulos SI, Vecchio D, Venkatasubramanian G, Vriend C, Walitza S, Wang Z, Watanabe A, Wolters L, Xu J, Yamada K, Yun JY, Zarei M, Zhao Q, Zhu X, ENIGMA-OCD Working Group, includes: [**Dalvie S**], Thompson PM, Bruin WB, van Wingen GA, Piras F, Piras F, **Stein DJ**, van den Heuvel OA, Simpson HB, Marsh R, Cha J. White matter diffusion estimates in obsessive-compulsive disorder across 1653 individuals: Machine learning findings from the ENIGMA OCD Working Group. *Molecular Psychiatry*. 2024 Feb 7. DOI: 10.1038/s41380-023-02392-6
4. **Lohrentz C, Womersley JS, Swart PC**, Sommer J, Hinsberger M, Elbert T, Weierstall R, Kaminer D, **Seedat S, Hemmings SMJ**. The role of oxytocin receptor gene variants in appetitive aggression: A study in a South African male sample. *Aggressive Behavior*. 2024 Feb 2. DOI: 10.1002/ab.22131
5. Mesa-Vieira C, Didden C, Schomaker M, Mouton JP, Folb N, **van den Heuvel LL**, Gastaldon C, Cornell M, Tlali M, Kassanje R, Franco OH, **Seedat S**, Haas AD. Post-traumatic stress disorder as a risk factor for major adverse cardiovascular events: A cohort study of a South African medical insurance scheme. *Epidemiology and Psychiatric Sciences*. 2024 Feb 5;33:e5. DOI: 10.1017/s2045796024000052

Health Services to Systems

1. **Lehmann U**, Gedik G, Jalal A. Mapping and analysing community health worker programmes in the Eastern Mediterranean region. *The International Journal of Health Planning and Management*. 2024 Feb 10. DOI: 10.1002/hpm.3772
2. Ncube NBQ, Chivese T, Mukumbang FC, Bradley HA, **Schneider H**, Laing R. A combined strategies intervention on the World Health Organization prescribing indicators: A quasi-randomised trial. *African Journal of Primary Health Care & Family Medicine*. 2024 Feb 28;16(1):e1-e8. DOI: 10.4102/phcfm.v16i1.3943

HIV/TB Pathogenesis and Treatment

1. Nimmo C, Ortiz AT, Tan CCS, Pang J, Acman M, Millard J, **Padayatchi N**, Grant AD, **O'Donnell M**, Pym A, Brynildsrud OB, Eldholm V, Grandjean L, Didelot X, Balloux F. Detection of a historic reservoir of bedaquiline/clofazimine resistance-associated variants in *Mycobacterium tuberculosis*. *Genome Medicine*. 2024 Feb 19;16(1):34. DOI: 10.1186/s13073-024-01289-5

Hypertension and Cardiovascular Disease

1. Asia LK, **Van Vuren EJ**, Kruger IM, Williams ME. A pilot investigation of the association between Vpr amino acid substitutions and peripheral immune marker levels in people with Human Immunodeficiency Virus: Implications for neurocognitive impairment. *Open Forum Infectious Diseases*. 2024 Feb 27. DOI: 10.1093/ofid/ofae111
2. Asia LK, **Van Vuren EJ**, Lindeque Z, Williams ME. A pilot investigation of the association between HIV-1 Vpr amino acid sequence diversity and the tryptophan-kynurenine pathway as a potential mechanism for neurocognitive impairment. *Virology Journal*. 2024 Feb 23;21(1):47. DOI: 10.1186/s12985-024-02313-1

Masculinity and Health Research

1. Osuret J, **Van Niekerk A**, Kobusingye O, Atuyambe L, Nankabirwa V. Driver yield and safe child pedestrian crossing behavior promotion by a school traffic warden program at primary school crossings: A cluster-randomized trial. *Traffic Injury Prevention*. 2024 Feb 7. DOI: 10.1080/15389588.2024.2305426
2. **Talip N**, **Ismail G**, **Lazarus S**, **Bulbulia S**, Swanepoel H. A Collaborative autoethnography of emotional labour and the role of compassion in community-engaged participatory action research. *South African Review of Sociology*. 2024 Feb 5;53(4):388-408. DOI: 10.1080/21528586.2023.2294291

Maternal and Infant Health Care Strategies

1. **du Toit LDV**, Mason S, van Reenen M, **Rossouw TM**, Louw R. Metabolic alterations in mothers living with HIV and their HIV-exposed, uninfected infants. *Viruses*. 2024 Feb 19;16(2):313. DOI: 10.3390/v16020313
2. **Nel S**, **Wenhold F**, **Botha T**, **Feucht U**. One-year anthropometric follow-up of South African preterm infants in kangaroo mother care: Which early-life factors predict malnutrition? *Tropical Medicine & International Health*. 2024 Feb 8. DOI: 10.1111/tmi.13973

Platform for Pharmacogenomics Research & Translation Research

1. Griesel R, Banda CG, Zhao Y, Omar Z, Wiesner L, Meintjes G, **Sinxadi P**, Maartens G. Pharmacokinetics of single versus double-dose dolutegravir after switching from a failing efavirenz-based regimen. *Journal of Acquired Immune Deficiency Syndromes*. 2024 Feb 15. DOI: 10.1097/QAI.0000000000003402
2. **Kuguyo O**, Mandishora RSD, **Soko ND**, Magwaku T, Matimba A, **Dandara C**. GSTP, GSTT1, XRCC1 and CASP8 genetic variations are associated with human papillomavirus in women with cervical cancer from Zimbabwe. *Future Virology*. 2024 Feb 26;19(1):19-32. DOI: 10.2217/fvl-2023-0154
3. Mpofo R, Kawuma AN, Wasmann RE, Akpomimie G, Chandiwana N, Sokhela SM, Moorhouse M, Venter WDF, Denti P, Wiesner L, Post FA, Haas DW, Maartens G, **Sinxadi P**. Determinants of early change in serum creatinine after initiation of dolutegravir-based antiretroviral therapy in South Africa. *British Journal of Clinical Pharmacology*. 2024 Feb 8. DOI: 10.1111/bcp.16009

Precision Oncology

1. Sampath S, Sunderam V, Manjusha M, **Dlamini Z**, Lawrance AV. Selenium nanoparticles: A comprehensive examination of synthesis techniques and their diverse applications in medical research and toxicology studies. *Molecules*. 2024 Feb 9;29(4):801. DOI: 10.3390/molecules29040801

Risk and Resilience in Mental Disorders

1. Ametaj AA, Denckla CA, Stevenson A, Stroud RE, Hall J, Onger L, Milkias B, **Hoffman J**, Naisanga M, Akena D, Kyebuzibwa J, Kwobah EK, Atwoli L, Gichuru S, Teferra S, Alemayehu M, Zingela Z, **Stein DJ**, Pretorius A, Newton CRJC, Mwema RM, Kariuki SM, Koenen KC, Gelaye B. Cross-cultural equivalence of the Kessler Psychological Distress Scale (K10) across four African countries in a multi-national study of adults. *SSM - Mental Health*. 2024 Feb 10. DOI: 10.1016/j.ssmmh.2024.100300
2. Andreo-Jover J, Wootton O, Fernández-Jiménez E, Muñoz-Sanjósé A, Mediavilla R, Bravo-Ortiz MF, Susser E, Gur RC, **Stein DJ**. Adverse childhood experiences and cognition: A cross-sectional study in Xhosa people living with schizophrenia and matched medical controls. *Comprehensive Psychiatry*. 2024 Feb 2. DOI: 10.1016/j.comppsy.2024.152459
3. Bóthe B, Nagy L, Koós M, Demetrovics Z, Potenza MN, International Sex Survey Consortium; [includes: **Lochner C**, **Stein DJ**], Kraus SW. Problematic pornography use across countries, genders, and sexual orientations: Insights from the international sex survey and comparison of different assessment tools. *Addiction*. 2024 Feb 27. DOI: 10.1111/add.16431
4. DeSerisy M, Wall MM, Goldberg TE, Batistuzzo MC, Keyes K, de Joode NT, **Lochner C**, **Marincowitz C**, Narayan M, Anand N, Rapp AM, **Stein DJ**, Simpson HB, Margolis AE. Assessing harmonized intelligence measures in a multinational study. *Cambridge Prisms: Global Mental Health* (2054-4251) *Cambridge Prisms: Global Mental Health*. 2024 Feb 23. DOI: 10.1017/gmh.2024.22

5. Ge R, Yu Y, Qi YX, Fan YN, Chen S, Gao C, Haas SS, New F, Boomsma DI, Brodaty H, Brouwer RM, Buckner R, Caseras X, Crivello F, Crone EA, Erk S, Fisher SE, Franke B, Glahn DC, Dannlowski U, Grotegerd D, Gruber O, Hulshoff Pol HE, Schumann G, Tamnes CK, Walter H, Wierenga LM, Jahanshad N, Thompson PM, Frangou S, Enigma Lifespan Working Group; [includes: **Lochner C**, **Stein DJ**]. Normative modelling of brain morphometry across the lifespan with CentileBrain: Algorithm benchmarking and model optimisation. *Lancet Digital Health*. 2024 Feb 21.
DOI: 10.1016/S2589-7500(23)00250-9
6. Gewirtz-Meydan A, Koós M, Nagy L, Kraus SW, Demetrovics Z, Potenza MN, Ballester-Arnal R, Batthyány D, Bergeron S, Billieux J, Burkauskas J, Cárdenas-López G, Carvalho J, Castro-Calvo J, Chen L, Ciocca G, Corazza O, Csako R, Fernandez DP, Fujiwara H, Fernande EF, Fuss J, Gabrhelik R, Gjoneska B, Gola M, Grubbs JB, Hashim HT, Islam MS, Ismail M, Jiménez-Martínez MC, Jurin T, Kalina O, Klein V, Költő A, Lee SK, Lewczuk K, Lin CY, **Lochner C**, López-Alvarado S, Lukavská K, Mayta-Tristán P, Miller DJ, Orosová O, Orosz G, Ponce FP, Quintana GR, Quintero Garzola GC, Ramos-Diaz J, Rigaud K, Rousseau A, De Tubino Scanavino M, Schulmeyer MK, Sharan P, Shibata M, Shoib S, Sigre-Leirós V, Sniewski L, Spasovski O, Steibliene V, **Stein DJ**, Strong C, Ünsal BC, Vaillancourt-Morel MP, Van Hout MC, Bóthe B. Global cross-cultural validation of a brief measure for identifying potential suicide risk in 42 countries. *Public Health*. 2024 Feb 20.
DOI: 10.1016/j.puhe.2023.12.031
7. Kerestes R, Perry A, Vivash L, O'Brien TJ, Alvim MKM, Arienzo D, Aventurato Í K, Ballerini A, Baltazar GF, Bargalló N, Bender B, Brioschi R, Bürkle E, Caligiuri ME, Cendes F, de Tisi J, Duncan JS, Engel JP, Jr., Foley S, Fortunato F, Gambardella A, Giacomini T, Guerrini R, Hall G, Hamandi K, Ives-Deliperi V, João RB, Keller SS, Kleiser B, Labate A, Lenge M, Marotta C, Martin P, Mascalchi M, Meletti S, Owens-Walton C, Parodi CB, Pascual-Diaz S, Powell D, Rao J, Rebsamen M, Reiter J, Riva A, Rüber T, Rummel C, Scheffler F, Severino M, Silva LS, Staba RJ, **Stein DJ**, Striano P, Taylor PN, Thomopoulos SI, Thompson PM, Tortora D, Vaudano AE, Weber B, Wiest R, Winston GP, Yasuda CL, Zheng H, McDonald CR, Sisodiya SM, Harding IH. Patterns of subregional cerebellar atrophy across epilepsy syndromes: An ENIGMA-Epilepsy study. *Epilepsia*. 2024 Feb 27.
DOI: 10.1111/epi.17881
8. Shisana O, **Stein DJ**, Zungu NP, Wolvaardt G. The rationale for South Africa to prioritise mental health care as a critical aspect of overall health care. *Comprehensive Psychiatry*. 2024 Feb 1.
DOI: 10.1016/j.comppsy.2024.152458
9. Stoppel H, **Harvey BH**, Wolmarans W. Higher offspring mortality in deer mice (*Peromyscus maniculatus bairdii*) that spontaneously present with large nest building behaviour. *Behaviour Processes*. 2024 Feb 13.
DOI: 10.1016/j.beproc.2024.105004
10. Van den Bergh BRH, Antonelli MC, **Stein DJ**. Current perspectives on perinatal mental health and neurobehavioral development: Focus on regulation, coregulation and self-regulation. *Current Opinion Psychiatry*. 2024 Feb 19.
DOI: 10.1097/YCO.0000000000000932
11. Wedderburn CJ, Sevenoaks T, Fouche J-P, Phillips NJ, Lawn SD, **Stein DJ**, Hoare J. Motivation levels and white matter microstructure in children living with HIV. *Scientific Reports*. 2024 Feb 23; 14(1):4425.
DOI: 10.1038/s41598-024-54411-3

Rural Public Health and Health Transition

1. Audet CM, **Seabi T**, Oyekunle T, **Hove J**, **Wagner RG**. A individually randomized controlled trial comparing Healer-led vs. clinician- led training to improve personal protective equipment use among traditional healers in South Africa. *PLOS Global Public Health*. 2024 Feb 23;4(2):e0002945. DOI: 10.1371/journal.pgph.0002945
2. Bont L, Krone M, Harrington L, **Nair H**, Nolan T, Oshitani H, Salisbury D. Respiratory syncytial virus: Time for surveillance across all ages, with a focus on adults. *Journal of Global Health*. 2024 Feb 9;14:03008. DOI: 10.7189/jogh.14.03008
3. Currin S, George JA, Hansen CH, Naicker S, Tomlinson L, Crampin A, Kalyesubula R, Newton R, Nakanga WP, Nitsch D, **Fabian J**. Single-sample measured glomerular filtration rate in Malawi, South Africa, and Uganda. *Kidney International*. 2024 Feb 1. DOI: 10.1016/j.kint.2024.01.020
4. Derbew AA, Debeb HG, Kinsman J, Myléus A, **Byass P**. Assessing the performance of the family folder system for collecting community-based health information in Tigray Region, North Ethiopia: A capture-recapture study. *BMJ Open*. 2024 Feb 8;14(2):e067735. DOI: 10.1136/bmjopen-2022-067735
5. **Fabian J**. Alternative creatinine-based GFR estimates in United States populations—similar performance, same gaps—is it time to move on? *Kidney International*. 2024 Feb 20. DOI: 10.1016/j.kint.2024.01.001
6. **Garenne M**, Stiegler N. Covid-19 demography in France and South Africa: A comparative study of morbidity and mortality in 2020-2022. *PLoS One*. 2024 Feb 5;19(2):e0294870. DOI: 10.1371/journal.pone.0294870
7. Govender MA, Stoychev SH, Brandenburg JT, Ramsay M, **Fabian J**, Govender IS. Proteomic insights into the pathophysiology of hypertension-associated albuminuria: Pilot study in a South African cohort. *Clinical Proteomics*. 2024 Feb 24;21(1):15. DOI: 10.1186/s12014-024-09458-9
8. Mwangala PN, Nasambu C, **Wagner RG**, Newton CR, Abubakar A. Prevalence and factors associated with frailty among older adults living with HIV compared to their uninfected peers from the Kenyan coast. *International Journal of Public Health*. 2024 Feb 15;69:1606284. DOI: 10.3389/ijph.2024.1606284
9. Sekome K, **Gómez-Olivé FX**, Sherar LB, Esliger DW, Myezwa H. Feasibility and acceptability of a contextualized physical activity and diet intervention for the control of hypertension in adults from a rural subdistrict: A study protocol (HYPHEN). *Pilot and Feasibility Studies*. 2024 Feb 3;10(1):22. DOI: 10.1186/s40814-024-01456-w
10. Stone H, Bailey E, Wurie H, Leather AJM, **Davies JI**, Bolkan HA, Sevalie S, Youkee D, Parmar D. A qualitative study examining the health system's response to COVID-19 in Sierra Leone. *PLoS One*. 2024 Feb 2;19(2):e0294391. DOI: 10.1371/journal.pone.0294391
11. Wagner F, **Wagner RG**, Makuapane LP, Masango M, Kolanisi U, **Gómez-Olivé FX**. Mental distress, food insecurity and university student dropout during the COVID-19 pandemic in 2020: Evidence from South Africa. *Frontiers in Psychiatry*. 2024 Feb 6;15:1336538. DOI: 10.3389/fpsyt.2024.1336538

12. Yu X, **Kabudula CW**, **Wagner RG**, Bassil DT, Farrell MT, **Tollman SM**, **Kahn K**, **Berkman LF**, Rosenberg MS, **Kobayashi LC**. Mid-life employment trajectories and subsequent memory function and rate of decline in rural South Africa, 2000-22. *International Journal of Epidemiology*. 2024 Feb 15.
DOI: 10.1093/ije/dyae022

South African Population Research Infrastructure Network

1. Stanton AM, Boyd RL, O'Cleirigh C, Olivier S, Dolotina B, Gunda R, Koole O, Gareta D, Modise TH, Reynolds Z, Khoza T, **Herbst K**, Ndung'u T, Hanekom WA, Wong EB, Pillay D, Siedner MJ; Vukuzazi Study Team. HIV, multimorbidity, and health-related quality of life in rural KwaZulu-Natal, South Africa: A population-based study. *PLoS One*. 2024 Feb 21;19(2):e0293963.
DOI: 10.1371/journal.pone.0293963

Stem Cell Research and Therapy

1. Castelyn C, Van Staden W, **Pepper MS**. Human cloning as reproductive means in future: A qualitative thematic study of underpinning values. *Frontiers in Public Health*. 2024 Feb 13; 12:1243801.
DOI: 10.3389/fpubh.2024.1243801

Vaccine and Infectious Diseases Analytics

1. **Cutland CL**, Sawry S, Fairlie L, Barnabas S, Frajzyngier V, Roux JL, **Izu A**, **Kekane-Mochwari KE**, Vika C, De Jager J, Munson S, Jongihlati B, Stark JH, Absalon J. Obstetric and neonatal outcomes in South Africa. *Vaccine*. 2024 Feb 3.
DOI: 10.1016/j.vaccine.2024.01.054
2. **Du Toit J**, **Storath K**, **Dunn I**, **Makekeng P**, **Moosa M**, **Mothibi K**, **Umuneza N**, Rees CA, Blau D, Lala S, Adam Y, Velaphi S, Hale M, Swart P, Wadula J, Mothibi L, Wise A, Baba V, Jaglal P, **Mahtab S**, **Madhi S**, **Dangor Z**. Experience on postmortem minimally invasive tissue sampling to ascertain the cause of death determination in South African children: A case for implementing as standard of care. *South African Medical Journal*. 2024 Feb 13;114(2):e1538.
DOI: 10.7196/SAMJ.2024.v114i2.1538
3. Elias C, **Nunes MC**, Saadatian-Elahi M. Epidemiology of community-acquired pneumonia caused by *S treptococcus pneumoniae* in older adults: a narrative review. *Current Opinion in Infectious Diseases*. 2024 Feb 5.
DOI: 10.1097/QCO.0000000000001005
4. Garcia Gomez E, Igunza KA, Madewell ZJ, Akelo V, Onyango D, El Arifeen S, Gurley ES, Hossain MZ, Chowdhury MAI, Islam KM, Assefa N, Scott JAG, Madrid L, Tilahun Y, Orlie S, Kotloff KL, Tapia MD, Keita AM, Mehta A, Magaço A, Torres-Fernandez D, Nhacolo A, Bassat Q, Mandomando I, Ogbuanu I, Cain CJ, Luke R, Kamara SIB, Legesse H, **Madhi S**, **Dangor Z**, **Mahtab S**, Wise A, Adam Y, Whitney CG, Mutevedzi PC, Blau DM, Breiman RF, Tippet Barr BA, Rees CA; Child Health and Mortality Prevention Surveillance Network. Identifying delays in healthcare seeking and provision: The three delays-in-healthcare and mortality among infants and children aged 1-59 months. *PLOS Global Public Health*. 2024 Feb 8;4(2):e0002494.
DOI: 10.1371/journal.pgph.0002494
5. **Mutevedzi PC**, Lokotfwako V, **Kwatra G**, Maphalala G, **Baillie V**, Dlamini L, Dlamini S, Mhlanga F, Dlamini T, Nhlabatsi N, **Nunes MC**, Zwane S, **Madhi SA**. Prevalence and levels of anti-SARS-CoV-2 antibodies in the Eswatini population and subsequent severity of the fourth COVID-19 epidemic wave. *COVID*. 2024 Feb 20;4(3):317-333.
DOI:10.3390/covid4030021

6. **Nunes MC**, Thommes E, Fröhlich H, Flahault A, Arino J, Baguelin M, Biggerstaff M, Bizel-Bizellot G, Borchering R, Cacciapaglia G, Cauchemez S, Barbier-Chebbah A, Claussen C, Choirat C, Cojocaru M, Commaille-Chapus C, Hon C, Kong J, Lambert N, Lauer KB, Lehr T, Mahe C, Marechal V, Mebarki A, Moghadas S, Niehus R, Opatowski L, Parino F, Pruvost G, Schuppert A, Thiébaud R, Thomas-Bachli A, Viboud C, Wu J, Crépey P, Coudeville L. Redefining pandemic preparedness: Multidisciplinary insights from the CERP modelling workshop in infectious diseases, workshop report. *Infectious Disease Modelling*. 2024 Feb 23.
DOI: 10.1016/j.idm.2024.02.008

Wound and Keloid Scarring Translational

1. Sinkala M, Naran K, Ramamurthy D, Mungra N, **Dzobo K**, Martin D, Barth S. Machine learning and bioinformatic analyses link the cell surface receptor transcript levels to the drug response of breast cancer cells and drug off-target effects. *PLoS One*. 2024 Feb 2;19(2):e0296511.
DOI: 10.1371/journal.pone.0296511

3. GRANT FUNDED RESEARCH

1. **Adeniyi OV**, Masilela C, George JA. Prevalence of vitamin D deficiency and its association with cardiometabolic risk factors among healthcare workers in the Eastern Cape province, South Africa; cross-sectional study. *Scientific Reports*. 2024 Feb 27;14(1):4756.
DOI: 10.1038/s41598-024-54977-y
2. **Alston B**, Kok AM, De Canha MN, Lall N. The potential of traditional medicinal plants against targets associated with Covid-19. *South African Journal of Botany*. 2024 Feb 10.
DOI: 10.1016/j.sajb.2024.01.064
3. Alven S, **Aderibigbe BA**. Chitosan-based scaffolds incorporated with silver nanoparticles for the treatment of infected wounds. *Pharmaceutics*. 2024 Feb 26;16(3):327.
DOI: 10.3390/pharmaceutics16030327
4. Cassimjee H, Kumar P, Ubanako P, **Choonara YE**. Microporous proteosaccharide platforms for potential neural tissue engineering applications. *Materials Letters*. 2024 Feb 1.
DOI: 10.1016/j.matlet.2024.136034
5. Charumbira MY, Conradie T, Berner K, **Louw QA**. Bridging the chasm between patients' needs and current rehabilitation care: Perceptions of adults presenting for primary care in the Eastern Cape. *BMC Health Services Research*. 2024 Feb 5;24(1):166.
DOI: 10.1186/s12913-024-10564-5
6. Chirwa KA, Francisco KR, Dube PS, Park H, Legoabe LJ, Teixeira TR, Caffrey CR, **Beteck RM**. Tractable quinolone hydrazides exhibiting sub-micromolar and broad spectrum antitrypanosomal activities. *ChemMedChem*. 2024 Feb 7;19(5):e202300667.
DOI: 10.1002/cmdc.202300667
7. **Desai R, Onwubu S, Lutge E, Buthelezi NP, Moodley N, Haffejee F, Segobe B, Krishna SBN, Sibiya MN, Jinabhai CC**. Provision of HIV testing services and its impact on the HIV positivity rate in the public health sector in KwaZulu-Natal: A ten-year review. *SAHARA Journal*. 2024 Feb 19.
DOI: 10.1080/17290376.2024.2318797
8. Hartman CB, Dube PS, Legoabe LJ, Van Pelt N, Matheeussen A, Caljon G, **Beteck RM**. Novel quinoline derivatives with broad-spectrum antiprotozoal activities. *Archiv der Pharmazie*. 2024 Feb 23.
DOI: 10.1002/ardp.202300319
9. Joseph SB, Abrahams MR, Moeser M, Tyers L, Archin NM, Council OD, Sondgeroth A, Spielvogel E, Emery A, Zhou ST, Doolabh D, Ismail SD, **Karim SA**, Margolis DM, Pond SK, Garrett N, **Swanstrom R, Williamson C**. The timing of HIV-1 infection of cells that persist on therapy is not strongly influenced by replication competency or cellular tropism of the provirus. *PLoS Pathogens*. 2024 Feb 29;20(2):e1011974.
DOI: 10.1371/journal.ppat.1011974
10. **Kebalepile MM, Dzikiti LN, Voyi K**. Using diverse data sources to impute missing air quality data collected in a resource-limited setting. *Atmosphere*. 2024 Feb 28;15(3):303.
DOI: 10.3390/atmos15030303
11. Kell DB, Khan MA, Laubscher GJ, **Pretorius E**. Uncertainties about the roles of anticoagulation and microclots in postacute sequelae of SARS-CoV-2 infection: Comment from Kell et al. *Journal of Thrombosis and Haemostasis*. 2024 Feb 1;22(2):565-568.
DOI: 10.1016/j.jtha.2023.09.035

12. Lambarey H, Blumenthal MJ, Chetram A, Joyimbana W, Jennings L, Orrell C, **Schafer G**. Reactivation of Kaposi's sarcoma-associated herpesvirus (KSHV) by SARS-CoV-2 in non-hospitalised HIV-infected patients. *EBioMedicine*. 2024 Feb 2.
DOI: 10.1016/j.ebiom.2024.104986
13. Lanrewaju AA, Enitan-Folami AM, **Sabiu S**, Swalaha FM. Computational bioprospection of selected plant secondary metabolites against VP7 (capsid protein) of rotavirus A. *Scientific African*. 2024 Feb 2.
DOI: 10.1016/j.sciaf.2024.e02109
14. Londani M, **Oladimeji O**. Tobacco use and behaviour among South African adolescents and young adults: Systematic review and meta-analysis. *BMJ Open*. 2024 Feb 26;14(2):e079657.
DOI: 10.1136/bmjopen-2023-079657
15. **Makhado TG**, Sepeng NV, Makhado L. A systematic review of the effectiveness of epilepsy education programs on knowledge, attitudes, and skills among primary school learners. *Frontiers in Neurology*. 2024 Feb 27;15:1356920.
DOI: 10.3389/fneur.2024.1356920
16. Negeri ZF, Levis B, Ioannidis JPA, Thombs BD, Benedetti A; DEPRESSion Screening Data (DEPRESSD) EPDS Group [include: **van Heyningen T**]. An empirical comparison of statistical methods for multiple cut-off diagnostic test accuracy meta-analysis of the Edinburgh Postnatal Depression Scale (EPDS) depression screening tool using published results vs individual participant data. *BMC Medical Research Methodology*. 2024 Feb 1;24(1):28.
DOI: 10.1186/s12874-023-02134-w
17. Ntho TA, Themane MJ, Sepadi MD, **Phochana TS**, **Sodi T**, Quarshie EN. Prevalence of alcohol use and associated factors since COVID-19 among school-going adolescents within the Southern African Development Community: A systematic review protocol. *BMJ Open*. 2024 Feb 26;14(2):e080675.
DOI: 10.1136/bmjopen-2023-080675
18. **Ntimani JM**, **Randa MB**. Experiences of women on the use of Implanon NXT in Gauteng province, South Africa: A qualitative study. *Health SA Gesondheid: Journal of Interdisciplinary Health Science*. 2024 Feb 29;29(2024):a2237.
DOI: 10.4102/hsag.v29i0.2237
19. Okwaraji YB, Krasevec J, Bradley E, Conkle J, Stevens GA, Gatica-Domínguez G, Ohuma EO, Coffey C, Estevez Fernandez DG, Blencowe H, Kimathi B, Moller AB, Lewin A, Hussain-Alkhateeb L, Dalmiya N, Lawn JE, Borghi E, Hayashi C [includes: **Pattinson R**]. National, regional, and global estimates of low birthweight in 2020, with trends from 2000: A systematic analysis. 2024 Feb 28.
DOI: 10.1016/S0140-6736(23)01198-4
20. **Padmanabhanunni A**, Pretorius TB. Fear of COVID-19 and PTSD: The protective function of problem-solving appraisals in mental health. *International Journal of Environmental Research and Public Health*. 2024 Feb 13;21(2):220.
DOI: 10.3390/ijerph21020220
21. Peter S, **Aderibigbe BA**. Ciprofloxacin and norfloxacin hybrid compounds: Potential anticancer agents. *Current Topics in Medicinal Chemistry*. 2024 Feb 14.
DOI: 10.2174/0115680266288319240206052223
22. **Rodgers AL**, Arzoz-Fabregas M, Roca-Antonio J, Dolade-Botias M, Shivappa N, Hébert JR. Correlation research demonstrates that an inflammatory diet is a risk factor for calcium oxalate renal stone formation. *Clinical nutrition ESPEN*. 2024 Feb 15.
DOI: 10.1016/j.clnesp.2024.02.004

23. **Sodi T**, Abas M, Abdulaziz M, Amos A, Burgess RA, Hanlon C, Kakunze A, Kpobi L, Lund C, Mwangi KJ, Mutiso V, Sunkel C, Yaro P, Arseneault L. A research agenda for mental health in sub-Saharan Africa. *Nature Medicine*. 2024 Feb 14.
DOI: 10.1038/s41591-023-02779-6
24. **Smit R, Luckhoff HK, Phahladira L, Du Plessis S, Emsley R, Asmal L**. Relapse in schizophrenia: The role of factors other than non-adherence to treatment. *Early Intervention in Psychiatry*. 2024 Feb 6.
DOI: 10.1111/eip.13510
25. Ugirinema V, Odei-Addo F, Frost CL, **Tshentu ZR**. Biospeciation of oxidovanadium(IV) imidazolyl-carboxylate complexes and their action on glucose-stimulated insulin secretion in pancreatic cells. *Molecules*. 2024 Feb 4;29(3):724.
DOI: 10.3390/molecules29030724
26. van Niekerk MA, Anthony MG, Dewandel I, Africa L, Pienaar AE, Mfazwe A, Bavuma B, Wolmarans J, Mpengesi L, Nelani R, Mtshabe A, Mckenzie C, Bekker C, Hoddinott G, **van Der Zalm M**. Clinical paediatric tuberculosis research: Field experiences from Cape Town, South Africa. *Southern African Journal of Public Health*. 2024 Feb 12.
DOI: 10.7196/ SHS.2024.v7.i1.1652
27. Yakobi S, Zuma L, **Pooe O**. Molecular docking and structure-activity relationship analysis of target compounds against glyceraldehyde-3-phosphate dehydrogenase in azithromycin-resistant neisseria gonorrhoeae. *ChemistrySelect*. 2024 Feb 28;9(9):e202303341.
DOI: 10.1002/slct.202303341

4. RESEARCH UNITS WITH NO PUBLICATIONS

Intramural

- Genomics Centre
- Mental Health, Alcohol, Substance Use and Tobacco
- Office of AIDS and TB Research
- Primate

Extramural

- Antimicrobial Resistance and Global Health Research
- Antiviral Gene Therapy
- Bioinformatics Capacity Development
- Centre for Antimicrobial Resistance
- Common Epithelial Cancer
- Gynaecological Cancer
- Herbal Drugs
- Intersection of Non-communicable Disease and Infectious Disease Research
- Microbial Water Quality Monitoring
- Pan African Centre for Epidemics Research
- Precision and Genomic Medicine

Research Centre

- Advancing Care and Treatment (ACT) For TB/HIV
- Centre for Basic and Translational Human TB Research
- Centre for Digital Health Innovation
- 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
- Soweto Matlosana SAMRC 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 FEBRUARY 2024					
SAMRC Unit	Funder	Main Funder	Project Title/Description	Contract Value	
				Rand	Foreign Currency
HIDRU	Wellcome Trust	Wellcome Trust	Maternal and Infant Lactation pharmacokinetics (MILK)	R1,320,787.00	£54 512.00
MASTRU	Leibniz-Institut für Präventionsforschung und Epidemiologie - BIPS GmbH	Leibniz-Institut für Präventionsforschung und Epidemiologie - BIPS GmbH	Counselling for Alcohol problems in Pregnancy – CAP-PRE	R1,036,795.00	€50 000.00
NCDRU	EDCTP-GSK Senior Fellowships	EDCTP-GSK Senior Fellowships	Cardiometabolic Diseases Risk Evaluation and Reduction in African People Living with HIV Infection – Amendment no 1 TMA2017GSF-1962	R12,099,022.00	£499 355.00

COMPILED BY KNOWLEDGE AND INFORMATION MANAGEMENT SERVICES

