



CELEBRATES SCIENCE



October 2023

1. INTRAMURAL RESEARCH UNITS

Biomedical Research and Innovation Platform

1. **Sangweni NF, Gabuza K, van Aarde R, Mabasa L**, van Vuuren D, Huisamen B, Barry R, **Johnson R**. Doxorubicin-induced cardiomyopathy: A preliminary study on the cardioprotective benefits of 7-hydroxyflavanone. *International Journal of Molecular Sciences*. 2023 Oct 20; 24(20):15395.
DOI: 10.3390/ijms242015395

Biostatistics

1. **Balakrishna Y**, Manda S, Mwambi H, **van Graan A**. Determining classes of food items for health requirements and nutrition guidelines using Gaussian mixture models. *Frontiers in Nutrition*. 2023 Oct 13;10:1186221.
DOI: 10.3389/fnut.2023.1186221
2. Borresen J, Celie B, **Laubscher R**, Bac M, Wood P, Camacho T, Nolte K, Schwellnus M, Basu D, Schwellnus M. Poor cardiorespiratory fitness in first year medical students at a South African university. *International Journal of Health Promotion and Education*. 2023 Oct 18.
DOI: 10.1080/14635240.2023.2261930
3. Brown LJ, **Reddy T**, Mannel J, Burgess R, Shai N, Washington L, Jewkes R, Gibbs A. A latent class analysis of young women's co-occurring health risks in urban informal settlements in Durban, South Africa. *SSM-Mental Health*. 2023 Oct 30.
DOI: 10.1016/j.ssmmh.2023.100273
4. Maposa I, Twabi HS, Matsena-Zingoni Z, Batidzirai JM, Singini G, Mohammed M, Bere A, Kgarosi K, **Mchunu N, Nevhungoni P**, Moyo-Chilufya M, Ojifinni O, Musekiwa A. Bayesian spatial modelling of intimate partner violence and associated factors among adult women and men: Evidence from 2019/2020 Rwanda demographic and health survey. *BMC Public Health*. 2023 Oct 20;23(1):2061.
DOI: 10.1186/s12889-023-16988-8
5. Snyders C, Dyer M, Sewry N, **Jordaan E**, Schwellnus M. Increased number of symptoms during the acute phase of SARS-CoV-2 infection in athletes is associated with prolonged time to return to full sports performance-AWARE VIII: Athlete return to full performance after recent COVID-19. *Journal of Sport and Health Science*. 2023 Oct 21.
DOI: 10.1016/j.jshs.2023.10.005

Centre for Tuberculosis

1. Iúdice TNdS, da Conceição ML, de Brito AC, de Souza NM, Mesquita CR, Guimarães RJdPSe, Furlaneto IP, Saboia AdS, Lourenço MCdS, Lima KVB, **Conceicao EC**. The role of GeneXpert® for tuberculosis diagnostics in Brazil: An examination from a historical and epidemiological perspective. *Tropical Medicine and Infectious Disease*. 2023 Oct 26;8(11):483.
DOI: 10.3390/tropicalmed8110483
2. Naidoo V, **Mavumengwana V, Tapfuma K**, Rasifudi NF, Mekuto L. Untargeted LC-QTOF-MS analysis of metabolites produced by penicillium brevicompactum during the bioconversion of ganoderic acid A. *Processes*. 2023 Oct 12;11(10):2963.
DOI: 10.3390/pr11102963
3. Zerbini MS, **Singh S**, Botha M, **Ghebrekristos Y, Opperman CJ**. Specimen rejection in a high-throughput TB laboratory: A descriptive study. *South African Medical Journal*. 2023 Oct 23; 113(10):6-7.
DOI: 10.7196/SAMJ.2023.v113i10.1364

Environment and Health

1. Manyuchi AE, Vogel C, **Wright CY**. The missing links in climate services for health and heat-health services: Examining climate-heat services in peri-urban districts in South Africa. *Climate Services*. 2023 Oct 12.
DOI: 10.1016/j.cliser.2023.100413

Gender and Health

1. Chimbindi N, Zuma T, **Gibbs A**, Bernays S, Seeley J. Editorial: Understandings and conceptualizations of hope and how it influences engagement with Sexual and Reproductive Health (SRH) services among adolescents in LMICs. *Frontiers in Reproductive Health*. 2023 Oct 20; 5:1285313.
DOI: 10.3389/frph.2023.1285313
2. **Ndungu J**, Ngcobo-Sithole M, **Gibbs A**. Describing an online co-development process of VAWG prevention intervention activities with young high school learners, in Eastern Cape Province, South Africa. *Journal of Adolescent Research*. 2023 Oct 11.
DOI: 10.1177/07435584231203200

Genomics Centre

1. Mudau MM, Seymour H, Nevondwe P, Kerr R, Spencer C, Feben C, Lombard Z, Honey E, Krause A, **Carstens N**. A feasible molecular diagnostic strategy for rare genetic disorders within resource-constrained environments. *Journal of Community Genetics*. 2023 Oct 10.
DOI: 10.1007/s12687-023-00674-8

Health Systems

1. **Bergh K, Jonas K, Duby Z, Govindasamy D, Mathews C**, Reddy T, Slingers N, Whittle G, Abdullah F. Factors associated with COVID-19 vaccine uptake among schoolgoing adolescent girls and young women in South Africa. *Vaccines*. 2023 Oct 11;11(10):1581.
DOI: 10.3390/vaccines11101581
2. **Ebrahim S**, Dorsamy E, Phillip JL, Naidoo R, Van Wyk JM. A scoping review of online teaching in undergraduate surgical training. *Indian Journal of Surgery*. 2023 Oct 25.
DOI: 10.1007/s12262-023-03962-2
3. Gigaba SG, Luvuno Z, **Bhana A**, Janse van Rensburg A, Mthethwa L, Rao D, Petersen I. Collaborative implementation of an evidence-based package of integrated primary mental healthcare using quality improvement within a learning health systems approach: Lessons from the mental health INTegration programme in South Africa. *Learning Health Systems*. 2023 Oct 2.
DOI: 10.1002/lrh2.10389
4. **Jonas K, Bergh K, Duby Z**, Mangoale K, Mogari N, Kuo C, Reddy T, **Mathews C**. Using prevention cascades to investigate coverage of contraception services among young women enrolled in a large-scale combination HIV prevention programme in South Africa. *Contraception*. 2023 Oct 18.
DOI: 10.1016/j.contraception.2023.110307
5. Kakande A, Ssemata AS, Muhumuza R, Atujuna M, Abaasa A, Ndekezi D, Tshabalala G, Nematadzira T, Hornschuh S, Nomvuyo M, Ahmed N, Maluadzi M, Anne Weiss H, Webb E, Stranix-Chibanda L, Janine **Dietrich J**, Seeley J, Fox J. Preferences for oral PrEP dosing among adolescent boys and young men in three sub-Saharan African countries. *PLoS One*. 2023 Oct 9; 18(10):e0285132.
DOI: 10.1371/journal.pone.0285132

HIV and Other Infectious Diseases

1. **Mbira TE**, Kufa T, Sherman GG, **Ngandu NK**; PHANGISA Study Team. Compliance to viral load monitoring schedules among women attending prevention of vertical HIV transmission services before and during the COVID-19 pandemic in Ehlanzeni District, Mpumalanga, South Africa. *AIDS Behavior*. 2023 Oct 13.
DOI: 10.1007/s10461-023-04192-z
2. **Mmotsa TM**, **Magasana V**, **Nsibande DF**, **Buthelezi M**, **Dassaye R**, Rodriguez VJ, Jones DL, **Goga AE**, **Ngandu NK**. Mixed-methods cross-sectional study of the prevention of vertical HIV transmission program users unaware of male partner's HIV status, in six South African districts with a high antenatal HIV burden. *BMC Public Health*. 2023 Oct 12;23(1):1988.
DOI: 10.1186/s12889-023-16921-z

Mental Health, Alcohol, Substance Use and Tobacco

1. Kalan ME, Mejia R, **Egbe CO**, Chopra M, Bteddini D, Jebai R, Osibogun O, Wilkinson AV, Salloum RG on behalf of the Global tobacco Research Network at Society for Research on Nicotine and Tobacco. E-cigarette use in low-income and middle-income countries: Opportunity or challenge for global tobacco control. *The Lancet Global Health*. 2023 Oct 18.
DOI: 10.1016/S2214-109X(23)00450-3
2. Keynejad RC, Bitew T, Sorsdahl K, **Myers B**, Honikman S, Medhin G, Deyessa N, Mulushoa A, Fekadu E, Howard LM, Hanlon C. Problem-solving therapy for pregnant women experiencing depressive symptoms and intimate partner violence: A randomised, controlled feasibility trial in rural Ethiopia. *PLOS Global Public Health*. 2023 Oct 27;3(10):e0002054.
DOI: 10.1371/journal.pgph.0002054
3. Mutyambizi-Mafunda V, **Myers B**, Sorsdahl K, Obse A, Lund C, Cleary S. The economic burden of chronic diseases with co-occurring depression and alcohol use disorder for people in the Western Cape, South Africa. *SSM – Mental Health*. 2023 Oct 14.
DOI: 10.1016/j.ssmmh.2023.100268
4. Shackleton C, Swartz L, Skowno P, Evans R, West S, Albertus Y, Derman W, **Bantjes J**. A qualitative study of the perceived benefits of participating in a spinal cord rehabilitation intervention in a low-middle income country. *Disability and Rehabilitation*. 2023 Oct 3.
DOI: 10.1080/09638288.2023.2265816
5. Theron M, **Harker N**, Swart EC. Newsprint representation of the alcohol sales bans during the COVID-19 pandemic in South Africa: A mixed methods analysis: Alcohol sales bans in the news. *International Journal of Alcohol and Drug Research*. 2023 Oct 23.
DOI: 10.7895/ijadr.419
6. Van Der Poll R, Coetzee B, **Bantjes J**. Willing and unwilling digital cyborg assemblages: University students talk about mental health apps. *Digital Health*. 2023 Oct 29;9:20552076231210658.
DOI: 10.1177/20552076231210658

Non-Communicable Disease

1. **Hill J**, Skinner D, Nachea J, **Kengne A**. A wellness intervention to address weight gain in people living with HIV. *European Journal of Public Health*. 2023 Oct 24;33(Supplement 2):ckad160.1441.
DOI: 10.1093/eurpub/ckad160.1441
2. Hlahla MO, Kunene LA, Mphekgwana PM, Madiba S, Monyeki KD, **Modjadji P**. Comparison of malnutrition indicators and associated socio-demographic factors among children in rural and urban public primary schools in South Africa. *Children*. 2023 Oct 27;10(11):1749.
DOI: 10.3390/children10111749

3. **Kengne AP**, Brière JB, Zhu L, Li J, Bhatia MK, Atanasov P, Khan ZM. Impact of poor medication adherence on clinical outcomes and health resource utilization in patients with hypertension and/or dyslipidemia: Systematic review. *Expert Review Pharmacoeconomics & Outcomes Research*. 2023 Oct 20.
DOI: 10.1080/14737167.2023.2266135
4. Makukule A, **Modjadji P**, **Thovhogi N**, Mokgalaboni K, **Kengne AP**. Uncontrolled hypertension, treatment, and predictors among hypertensive out-patients attending primary health facilities in Johannesburg, South Africa. *Healthcare*. 2023 Oct 20;11(20):2783.
DOI: 10.3390/healthcare11202783
5. Mukanu MM, Thow AM, Delobelle P, **Mchiza ZJ**. Mapping of food environment policies in Zambia: A qualitative document analysis. *BMC Nutrition*. 2023 Oct 2;9(1):112.
DOI: 10.1186/s40795-023-00766-1
6. **Wentzel A**, Eichinger M, **Hill J**, von Philipsborn P, Holliday N, Delobelle P, **Mchiza Z**. Geospatial mapping of food advertisements in three low-income communities in Cape Town, South Africa. *European Journal of Public Health*. 2023 Oct 24;33(Supplement 2):ckad160.1078.
DOI: 10.1093/eurpub/ckad160.1078

Office of Malaria Research

1. Moonasar D, Chimumbwa J, Leonard E, Murugasampillay S, **Maharaj R**. Malaria control and elimination in Southern Africa – Progress, challenges, and priorities. *Journal of Communicable Diseases. Special issues - XIV Annual Conference of Indian Society for Malaria & Other Communicable Diseases (ISMOC D)*. 2023 Oct 21;56-59.
DOI: 10.24321/0019.5138.202337

Office of the President/Vice-President

1. Benede N, Butters C, Facey-Thomas H, Spracklen T, Scott C, **Zuhlke L**, Keeton R, Burgers W, Webb K. P229 SARS-COV-2-specific T-cell responses in MIS-C are distinct compared to healthy children. *Pediatric Rheumatology*. 2023 Oct 17;21(Supplement 2):122 (P229).
DOI: 10.1186/s12969-023-00879-8
2. Butters C, Rohlwink U, Shey M, Day J, Scott C, **Zuhlke L**, Facey-Thomas H, Spracklen T, van der Ross H, Webb K. P228 Differential cytokine expression in MIS-C as compared to other inflammatory conditions in Cape Town, South Africa. *Pediatric Rheumatology*. 2023 Oct 17;21(Supplement 2):122 (P228).
DOI: 10.1186/s12969-023-00879-8
3. **Spracklen TF**, Mendelsohn SC, Butters C, Facey-Thomas H, Erasmus M, van der Ross H, Scott C, **Zuhlke L**, Scriba TJ, Webb K. P209 Gene expression profiling of South African children with Kawasaki disease. *Pediatric Rheumatology*. 2023 Oct 17;21(Supplement 2):122 (P209).
DOI: 10.1186/s12969-023-00879-8
4. Van der Ross H, Butters C, Day J, Spracklen T, Moyo-Gwete T, Moore P, **Zuhlke L**, **Webb K**. P254 immunogenicity of SARS-COV-2 vaccination in children with previous SARS-COV-2 related multi-system inflammatory syndrome in children. *Pediatric Rheumatology*. 2023 Oct 17;21(Supplement 2):195.
DOI: 10.1186/s12969-023-00879-8
5. Vervoort D, Yilgwan CS, Ansong A, Baumgartner JN, Bansal G, Bukhman G, Cannon JW, Cardarelli M, Cunningham MW, Fenton K, Green-Parker M, Karthikeyan G, Masterson M, Maswime S, Mensah GA, Mocumbi A, Kpodonu J, Okello E, Remenyi B, Williams M, **Zühlke LJ**, Sable C. Tertiary prevention and treatment of rheumatic heart disease: A National Heart, Lung, and Blood Institute working group summary. *BMJ Global Health*. 2023 Oct 31;8(Supplement 9):e012355.
DOI: 10.1136/bmjgh-2023-012355

South African Cochrane Centre

1. Amaechi UA, **Nnaji CA**, **Wiysonge CS**. Immunisation Agenda 2030: Prioritising sustainable immunisation financing. *The Lancet*. 2023 Oct 12.
DOI: 10.1016/S0140-6736(23)01167-4
2. Rwebemera J, Cannon JW, Sanyahumbi A, Sotoodehnia N, Taubert K, Yilgwan CS, Bukhman G, Masterson M, Bruno FP, Bowen A, Dale JB, **Engel ME**, Beaton A, Van Beneden C. Research opportunities for the primary prevention and management of acute rheumatic fever and rheumatic heart disease: A national heart, lung, and blood institute workshop report. *BMJ Global Health*. 2023 Oct 31;8(Suppl 9):e012356.
DOI: 10.1136/bmjgh-2023-012356
3. Ziqubu K, **Dludla PV**, Mabhida SE, Jack BU, Keipert S, Jastroch M, Mazibuko-Mbeje SE. Brown adipose tissue-derived metabolites and their role in regulating metabolism. *Metabolism*. 2023 Oct 20:155709.
DOI: 10.1016/j.metabol.2023.155709

2. EXTRAMURAL RESEARCH UNITS

Antibody Immunity

1. Trkola A, **Moore PL**. Vaccinating people living with HIV: A fast track to preventive and therapeutic HIV vaccines. *The Lancet Infectious Disease*. 2023 Oct 23.
DOI: 10.1016/S1473-3099(23)00481-4
2. Yousif M, Rachida S, Taukobong S, Ndlovu N, Iwu-Jaja C, Howard W, Moonsamy S, Mhlambi N, Gwala S, Levy JI, Andersen KG, **Scheepers C**, von Gottberg A, Wolter N, Bhiman JN, Amoako DG, Ismail A, Suchard M, McCarthy K. SARS-CoV-2 genomic surveillance in wastewater as a model for monitoring evolution of endemic viruses. *Nature Communications*. 2023 Oct 10; 14(1):6325.
DOI: 10.1038/s41467-023-41369-5

Bioinformatics Capacity Development

1. Fatumo S, Sathan D, Samtal C, Isewon I, **Tamuhla T**, Soremekun C, Jafali J, **Tiffin N**, Fakim YJ. Polygenic risk scores for disease risk prediction in Africa: Current challenges and future directions. *Genome Medicine*. 2023 Oct 30;15(1):87.
DOI: 10.1186/s13073-023-01245-9

Cardiometabolic Health

1. **Ngwa NE**, **Matshazi DM**, **Davison GM**, Kengne AP, **Matsha TE**. Association between the MTNR1B, HHEX, SLC30A8, and TCF7L2 single nucleotide polymorphisms and cardiometabolic risk profile in a mixed ancestry South African population. *Scientific Reports*. 2023 Oct 10; 13(1):17122.
DOI: 10.1038/s41598-023-43560-6

Centre for Health Economic and Decision Science

1. Backholer K, Ebekozi O, **Hofman K**, Miranda JJ, Seidu S. Health equity in endocrinology. *Nature Reviews Endocrinology*. 2023 Oct 26.
DOI: 10.1038/s41574-023-00912-6
2. **Boachie MK**, Molete M, **Hofman K**, **Thsehla E**. Cost-effectiveness of dental caries prevention strategies in South African schools. *BMC Oral Health*. 2023 Oct 28;23(1):814.
DOI: 10.1186/s12903-023-03474-1
3. **Desmond C**, Watt KG, Jensen SKG, Simmons E, Murray SM, Farrar J, Placencio-Castro M, Sezibera V, Rawlings LB, Wilson B, Betancourt TS. Measuring the cost-effectiveness of a home-visiting intervention to promote early child development among rural families linked to the Rwandan social protection system. *PLOS Global Public Health*. 2023 Oct 24;3(10):e0002473.
DOI: 10.1371/journal.pgph.0002473
4. **Tugendhaft A**, Christofides N, Stacey N, Kahn K, **Erzse A**, Danis M, Gold M, **Hofman K**. Moving towards social inclusion: Engaging rural voices in priority setting for health. *Health Expectations*. 2023 Oct 26.
DOI: 10.1111/hex.13895y

Child and Adolescent Lung Health

1. **Mahtab S**, Frigati LJ, Ntusi NAB, Nyathi M, **Asafu-Agyei NA**, Myer L, **Zar HJ**, Jao J. The determinants of elevated pathobiological determination of atherosclerosis in youth risk score in perinatally HIV infected adolescents in South Africa. *Journal of Acquired Immune Deficiency Syndromes*. 2023 Oct 18.
DOI: 10.1097/QAI.0000000000003304

2. Olbrich L, Verghese VP, **Franckling-Smith Z**, Sabi I, Ntinginya NE, Mfinanga A, Banze D, Viegas S, Khosa C, Semphere R, Nliwasa M, McHugh TD, Larsson L, Razid A, Song R, Corbett EL, Nabeta P, Trollip A, Graham SM, Hoelscher M, Geldmacher C, **Zar HJ**, Michael JS, Heinrich N; RaPaed-TB consortium. Diagnostic accuracy of a three-gene Mycobacterium tuberculosis host response cartridge using fingerstick blood for childhood tuberculosis: A multicentre prospective study in low-income and middle-income countries. *Lancet Infectious Disease*. 2023 Oct 30. DOI: 10.1016/S1473-3099(23)00491-7
3. Williams SR, Robertson FC, Wedderburn CJ, Ringshaw JE, Bradford L, Nyakonda CN, Hoffman N, Joshi SH, **Zar HJ**, Stein DJ, Donald KA. 1H-MRS cmotor development in school-aged children who are HIV-exposed uninfected: A birth cohort study. *Frontiers in Neuroscience*. 2023 Oct 12; 17:1251575. DOI: 10.3389/fnins.2023.1251575
4. **Zar HJ**, McCollum ED. Pulse oximetry to detect paediatric hypoxaemia-the fifth vital sign. *Lancet Global Health*. 2023 Oct 1. DOI: 10.1016/S2214-109X(23)00380-7

Common Epithelial Cancer

1. Dix-Peek T, Dickens C, Augustine TN, Phakathi BP, Van Den Berg EJ, Joffe M, Ayeni OA, **Cubasch H**, **Nietz S**, Mathew CG, Hayat M, Neugut AI, Jacobson JS, Ruff P, Duarte RAB. FGFR2 genetic variants in women with breast cancer. *Molecular Medicine Reports*. 2023 Oct 13. DOI: 10.3892/mmr.2023.13113
2. Mapanga W, Ayeni OA, Chen WC, Jacobson JS, Neugut AI, **Ruff P**, **Cubasch H**, O'Neil DS, Buccimazza I, Čačala S, Stopforth LW, Farrow HA, Nietz S, Phakathi B, Chirwa T, McCormack VA, **Joffe M**. The South African breast cancer and HIV outcomes study: Profiling the cancer centres and cohort characteristics, diagnostic pathways, and treatment approaches. *PLOS Global Public Health*. 2023 Oct 24;3(10):e0002432. DOI: 10.1371/journal.pgph.0002432

Developmental Pathways for Health

1. Belus JM, Hines AC, Magidson JF, Iwamoto DK, Rose AL, Li A, Barnabas RV, **van Heerden A**. Development and empirical test of the research-informed South African Relationship Functioning Assessment (SARFA). *Personal Relationships*. 2023 Oct 13. DOI: 10.1111/per.12522
2. **Craig A**, **Mapanga W**, **Mtintsilana A**, Dlamini S, **Norris S**. Exploring the national prevalence of mental health risk, multimorbidity and the associations thereof: A repeated cross-sectional panel study. *Frontiers in Public Health*. 2023 Oct 18;11:1217699. DOI: 10.3389/fpubh.2023.1217699
3. Drysdale RE, Slemming W, **Momberg D**, **Said-Mohamad R**, Richter LM. Impact of COVID-19 lockdown on low birthweight in Soweto, South Africa. *South African Medical Journal*. 2023 Oct 23; 113(10):37-41. DOI: 10.7196/SAMJ.2023.v113i10.746
4. Maessen SE, Nichols M, Cutfield W, **Norris SA**, Beger C, Ong KK. High but decreasing prevalence of overweight in preschool children: Encouragement for further action. *BMJ*. 2023 Oct 9; 383:e075736. DOI: 10.1136/bmj-2023-075736

5. Monangi NK, Xu H, Fan Y, Khanam R, Khan W, Deb S, Pervin J, Price JT, Kaur L; INTERBIO-21(st) Study Consortium; Al Mahmud A, Thanh LQ, Care A, Landero JA, Combs GF, Belling E, Chappell J, Chen J, Kong F, Lacher C, Ahmed S, Chowdhury NH, Rahman S, Kabir F, Nisar I, Hotwani A, Mehmood U, Nizar A, Khalid J, Dhingra U, Dutta A, Ali SM, Aftab F, Juma MH, Rahman M, Ahmed T, Islam MM, Vwalika B, Musonda P, Ashorn U, Maleta K, Hallman M, Goodfellow L, Gupta JK, Alfirevic A, Murphy SK, Rand L, Ryckman KK, Murray JC, Bahl R, Litch JA, Baruch-Gravett C, Sopory S, Natchu UCM, Kumar PV, Kumari N, Thiruvengadam R, Singh AK, Kumar P; GARBH-Ini study team; Alfirevic Z, Baqui AH, Bhatnagar S, Hirst JE, Hoyo C, Jehan F, Jelliffe-Pawlowski L, Rahman A, Roth DE, Sazawal S, Stringer JSA, Ashorn P, Zhang G, Muglia LJ, Collaborators [**Norris SA, Tshivula-Matela CO**]. Association of maternal prenatal copper concentration with gestational duration and preterm birth: A multi-country meta-analysis. *The American Journal of Clinical Nutrition*. 2023 Oct 27.
DOI: 10.1016/j.ajcnut.2023.10.011

6. **Mukoma G, Bosire EN**, Hardy-Johnson P, Barker M, **Norris SA**. 'We were not allowed to gather even for Christmas.' Impact of COVID-19 on South African young people: Exploring messaging and support. *Global Public Health*. 2023 Oct 6.
DOI: 10.1080/17441692.2023.2264968

7. Rehman AM, Sekitoleko I, Rukuni R, Webb EL, McHugh G, Bandason T, Moyo B, Ngwira LG, Mukwasi-Kahari C, **Gregson CL**, Simms V, Filteau S, Ferrand RA. Growth profiles of children and adolescents living with and without perinatal HIV infection in Southern Africa: A secondary analysis of cohort data. *Nutrients*. 2023 Oct 28;15(21):4589.
DOI: 10.3390/nu15214589

8. Tobias DK, Merino J, Ahmad A, Aiken C, Benham JL, Bodhini D, Clark AL, Colclough K, Corcoy R, Cromer SJ, Duan D, Felton JL, Francis EC, Gillard P, Gingras V, Gaillard R, Haider E, Hughes A, Ikle JM, Jacobsen LM, Kahkoska AR, Kettunen JLT, Kreienkamp RJ, Lim LL, Männistö JME, Massey R, McLennan NM, Miller RG, Morieri ML, Most J, Naylor RN, Ozkan B, Patel KA, Pilla SJ, Prystupa K, Raghavan S, Rooney MR, Schön M, Semnani-Azad Z, Sevilla-Gonzalez M, Svalastoga P, Takele WW, Tam CH, Thuesen ACB, Tosur M, Wallace AS, Wang CC, Wong JJ, Yamamoto JM, Young K, Amouyal C, Andersen MK, Bonham MP, Chen M, Cheng F, **Chikowore T**, Chivers SC, Clemmensen C, Dabelea D, Dawed AY, Deutsch AJ, Dickens LT, DiMeglio LA, Dudenhöffer-Pfeifer M, Evans-Molina C, Fernández-Balsells MM, Fitipaldi H, Fitzpatrick SL, Gitelman SE, Goodarzi MO, Grieger JA, Guasch-Ferré M, Habibi N, Hansen T, Huang C, Harris-Kawano A, Ismail HM, Hoag B, Johnson RK, Jones AG, Koivula RW, Leong A, Leung GKW, Libman IM, Liu K, Long SA, Lowe WL Jr, Morton RW, Motala AA, Onengut-Gumuscu S, Pankow JS, Pathirana M, Pazmino S, Perez D, Petrie JR, Powe CE, Quinteros A, Jain R, Ray D, Ried-Larsen M, Saeed Z, Santhakumar V, Kanbour S, Sarkar S, Monaco GSF, Scholtens DM, Selvin E, Sheu WH, Speake C, Stanislawski MA, Steenackers N, Steck AK, Stefan N, Støy J, Taylor R, Tye SC, Ukke GG, Urazbayeva M, Van der Schueren B, Vatier C, Wentworth JM, Hannah W, White SL, Yu G, Zhang Y, Zhou SJ, Beltrand J, Polak M, Aukrust I, de Franco E, Flanagan SE, Maloney KA, McGovern A, Molnes J, Nakabuye M, Njølstad PR, Pomaes-Millan H, Provenzano M, Saint-Martin C, Zhang C, Zhu Y, Auh S, de Souza R, Fawcett AJ, Gruber C, Mekonnen EG, Mixter E, Sherifali D, Eckel RH, Nolan JJ, Philipson LH, Brown RJ, Billings LK, Boyle K, Costacou T, Dennis JM, Florez JC, Gloyn AL, Gomez MF, Gottlieb PA, Greeley SAW, Griffin K, Hattersley AT, Hirsch IB, Hivert MF, Hood KK, Josefson JL, Kwak SH, Laffel LM, Lim SS, Loos RJF, Ma RCW, Mathieu C, Mathioudakis N, Meigs JB, Misra S, Mohan V, Murphy R, Oram R, Owen KR, Ozanne SE, Pearson ER, Perng W, Pollin TI, Pop-Busui R, Pratley RE, Redman LM, Redondo MJ, Reynolds RM, Semple RK, Sherr JL, Sims EK, Sweeting A, Tuomi T, Udler MS, Vesco KK, Vilsbøll T, Wagner R, Rich SS, Franks PW. Second international consensus report on gaps and opportunities for the clinical translation of precision diabetes medicine. *Nature Medicine*. 2023 Oct; 29(10):2438-2457.
DOI: 10.1038/s41591-023-02502-5

Drug Discovery and Development

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Genomics of Brain Disorders

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4. RESEARCH CENTRES

Centre for Sustainable Malaria Control

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5. RESEARCH UNITS WITH NO PUBLICATIONS

Intramural

- Burden of Disease
- Office of AIDS and TB Research
- Office of Tuberculosis Research
- Primate

Extramural

- Antimicrobial Resistance and Global Health Research
- Antiviral Gene Therapy
- Centre for Antimicrobial Resistance
- Health Services to Systems
- Herbal Drugs
- HIV/TB Pathogenesis and Treatment
- Intersection of Non-Communicable Disease and Infection Disease Research
- Maternal and Infant Health Care Strategies
- Pan African Centre for Epidemics Research
- Platform for Pharmacogenomics Research & Translational
- Precision Oncology
- South African Population Research Infrastructure Network
- Wound and Keloid Scarring Translational

Research Centre

- Advancing Care and Treatment 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 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
- TB Free through Research and Innovation
- Tuberculosis Collaborating Centre for Child Health
- Tygerberg SAMRC Collaborating centre for HIV Laboratory Research
- Wits Clinical HIV/TB Research Unit, WITS Health Consortium
- Wits RHI Collaborating Centre for HIV/AIDS

6. GRANTS AWARDED

SAMRC LIST OF NEW CONTRACTS FOR OCTOBER 2023					
SAMRC Unit	Funder	Main Funder	Project Title/Description	Contract Value	
				Rand	Foreign Currency
ATODRU	NDOH	NDOH	SACENDU	R584 360.00	-
BIOSTATS	Human People to People in SA	Human People to People in SA	Focal Mass Screen GIS	R268 755.00	-
BRIP	National Research Foundation	National Research Foundation	Postdoctoral Fellowship PSTD2205067486 - E,Salifu	R305 000.00	-
	National Research Foundation	National Research Foundation	CSUR Grant SRUG2205056810: S vn Riedel	R690 000.00	-
	National Research Foundation	National Research Foundation	International Travel: KIC UID 151371 – J Goedecke	R100 000.00	-
	National Research Foundation	National Research Foundation	International Travel: KIC UID 151385 – T, Willmer	R100 000.00	-
	National Research Foundation	National Research Foundation	Thuthuka TTK22051410628 – O, Patel	R70 000.00	-
	National Research Foundation	National Research Foundation	SRUG2204214183 – O, Patel	R544 161.00	-

SAMRC Unit	Funder	Main Funder	Project Title/Description	Contract Value	
				Rand	Foreign Currency
EHRU	Medical Research Council	Medical Research Council	Role of climate in muscle function, physical performance, and the metabolome: a study of three diverse countries insub-Saharan Africa	R3 441 535.00	£151 916.00
	UCT	Welcome Trust	HABVIA: Heat adaptation benefits for vulnerable groups in Africa	R2 784 128.00	-
Event Management	Bharat Biotech International	Bharat Biotech International	Sponsorship towards the 14th African Rotavirus Symposium	R559 272.00	\$30 000.00
	The International Human Frontier Science Program Organization	The International Human Frontier Science Program Organization	Event Management: HFSP AWM and Science Forum 5-9 Dec 23	R3 255 500.00	-
	Glaxosmithkline Consumer Nigeria	Glaxosmithkline Consumer Nigeria	Sponsorship: 14th African Rotavirus Symposium, Nigeria 8-10 Nov23	R173 219.00	NGN 7 669 680.00
	CDC Foundation	CDC Foundation	Sponsorship: 14th African Rotavirus Symposium, Nigeria 8-10 Nov23	R451 127.00	\$24 199.00
GIPD	BMGF	BMGF	GC South Africa-Artificial intelligence RFP and Convenings to support innovative ideas on the development and use of Large Language Model empowered AI tools for global health impact	R12 446 281.00	\$667 633.00

SAMRC Unit	Funder	Main Funder	Project Title/Description	Contract Value		
				Rand	Foreign Currency	
HIDRU	International Aids Vaccine Initiative (IAVI)	International Aids Vaccine Initiative (IAVI)	Agreement Nr A10835 Contract Ref No 10437 CO AP 22	R3 096 950.00	\$166 124	
	Sentinel	Sentinel	Contractor fees - HOPES TB Project	R186 424.00	\$10 000.00	
	Fred Hutchinson Cancer Center	National Institute of Health	HVTN 142 Protocol Funding: Isipingo clinical Research Site Ref 5UM1 AI068614-18 / 1160157	R1 904 042.00	\$102 135.00	
			HVTN 142 Protocol Funding: Isipingo clinical Research Site Ref 5UM1 AI068614-18 / 1163438	R361 215.00	\$19 376.00	
	Boston College	National Institute of Health	SAIA-TB: Using the Systems Analysis and Improvement Approach to prevent TB in rural SA / 5114731-4	R227 530.00	-	
	UNICEF	UNICEF	Improving the quality of maternal health services and HIV outcomes for children in Kwazulu Natal	R26 682.00	-	
	Gilead	Gilead	First Amendment of Clinical Trial Agreement For Protocol GS-US-412-5624	R322 225.00	-	
	UKZN	Gilead	Participation in Clinical Trial (GS-US-382-5445)	R804 374.00		
	HSRU	NACOSA	NACOSA	Impact evaluation of the My Journey Programme	R30 140 541.00	-

SAMRC Unit	Funder	Main Funder	Project Title/Description	Contract Value	
				Rand	Foreign Currency
MASTRU	National Research Foundation	National Research Foundation	CSUR Grant SRUG2204285238: Dr S,Nkosi	R188 770.00	-
	World Health Organization	World Health Organization	Logistics Support 7th Global Alcohol Policy conference in SA	R192 717.00	-
NCDRU	National Research Foundation	National Research Foundation	Postdoctoral Fellowships x 9 - UID:150560	R3 600 000.00	-
	National Research Foundation	National Research Foundation	International Travel: KIC UID 151456 – M Peer	R45 000.00	-
	World Health Organization	World Health Organization	To conduct a rapid search update of the systematic review of evidence that informed the WHO Guideline on School Food and Nutrition Policies	R139 595.00	-
Office of Malaria	Lumbombo Spatial Development Initiative	Lumbombo Spatial Development Initiative	LSDI2 Phase 3 MOU	R2 295 000.00	-
TB Platform	National Research Foundation	National Research Foundation	Thuthuka TTK2204041858 – Dr Pypers	R110 600.00	-
Various	CDC	CDC	PrEP Pregnant & Postnatal Award Nr 5 NU2GGH002193-05-00	R13 981 800.00	\$750 000.00

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