

H RTP PUBLICATIONS LIST

HIV-RESEARCH TRAINING PROJECT



Principal Investigator's Published Manuscripts

- Jilani MS, Tagwireyi D, Gadaga LL, **Maponga CC**, Mutsimhu C, (2018), Cognitive-enhancing of a hydroethanolic extract of *Crinum macowanii* against memory impairment induced by aluminium chloride in BALB/c mice, Behavioral Neurology, Vol 2018: 1-10.
- Manyarara TE, Khoza S, Dube A, **Maponga CC**, (2018), Formulation and characterization of a paediatric nanoemulsion dosage form with modified oral drug delivery system for improved dissolution rate of nevirapine, Materials Research Society Advances, Vol 3: 2203-2219.
- Mtisi TJ, **Maponga CC**, Monera-Penduka TG, Mudzviti T, Chagwena D, Matika-Chingombe F, DiFranchesco R, Morse GD, (2018), Strategic establishment of an International Pharmacology Speciality Laboratory in a resource-limited setting, African Journal of Laboratory Medicine, Vol 7i1, 659-64
- Monera-Penduka TG, **Maponga CC**, Wolfe AR, Wiesner L, Morse GD, Nhachi CFB. Effect of *Moringa oleifera* Lam. Leaf powder on the pharmacokinetics of nevirapine in HIV-infected adults: a one sequence cross-over study. AIDS Res Ther 2017; 14:12
- Monera-Penduka TG, **Maponga CC**, Morse GD, Nhachi CFB. Capacity for ethical and regulatory review of herbal trials in developing countries: a case study of *Moringa oleifera* research in HIV-infected patients. Journal. Pharmaceutical Policy Practice; 2017; 10: 9
- Monera-Penduka TG, Jani ZT, **Maponga CC**, Mudzengi J, Morse GD, Nhachi CFB. Quality and labeling information of *Moringa oleifera* products marketed for HIV-infected people in Zimbabwe. J. Public health in Africa 2016; 7: 618
- Manyarara TE, Khoza S, **Maponga CC**, (2016), Pharmacokinetics of Nevirapine in HIV Infected Children from Resource Limited Settings Using Fixed Dose Anti-retroviral Combination, British Journal of Pharmaceutical Research, Vol 12(3), 1-8.
- Makita-Chingombe, F., Kutscher, H.L., DiTursi, S.L., Morse, G.D., **Maponga, CC**. Poly (Lactic-Co-Glycolic) Acid-Chitosan Dual Loaded Nanoparticles for Antiretroviral Nanoformulations. J. Drug Delivery 2016. Article ID 3810175
- Kutscher H, Makita F, DiTursi S, Singh A, Dube A, **Maponga CC**, et al . Macrophage Targeted Nanoparticles for Antiretroviral (ARV) Delivery. Journal of Personalized NanoMedicine 2015. 1(2) 40-48
- Chifamba, J., Dube, A., **Maponga CC**. Investigation of In-Vivo Penetration and Distribution of Nanometric TiO₂ in Tropical Albinistic Skin by Sequential Adhesive Tape Stripping. International Journal of Pharmaceutical Sciences and Research, 2015; Vol. 6(10): 4181-4189.
- Chigumira W, Maposa P, Gadaga LL, Dube A, Tagwireyi D, **Maponga CC**. Preparation and Evaluation of Pralidoxime-Loaded PLGA Nanoparticles as Potential Carriers of the Drug across the Blood Brain Barrier; J. Nanomaterials 2015. Article ID 692672
- Mudzviti, T., Mudzongo, N.T., Gavi, S., Chimbetete, C., **Maponga, CC**. and Morse, G.D. (2015) A Time to Event Analysis of Adverse Drug Reactions Due to Tenofovir, Zidovudine and Stavudine in a Cohort of Patients Receiving Antiretroviral Treatment at an Outpatient Clinic in Zimbabwe. Pharmacology & Pharmacy, 6, 201-206. <http://dx.doi.org/10.4236/pp.2015.63021>
- Chifamba J, Dube A, **Maponga CC**. Ex-vivo Penetration of Nanometric ZnO and TiO₂ Across Actinically Damaged Porcine Skin: Development of an Albinistic Skin Protection Treatment; IJPSR, 2015; Vol. 6(6): 2339-2348.
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- Monera TG, **Maponga CC**. Prevalence and Patterns of *Moringa oleifera* Use among HIV Positive Patients in Zimbabwe: A Cross-Sectional Survey. Journal of Public Health in Africa [paper no.42] (acceptance letter attached).
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- Maponga CC**, Feresu AS. A community-based clinical pharmacy teaching, research and service program in Zimbabwe. Pharmacotherapy 1995; 15: 614-620. PMID: 8570434
- Kasilo OMJ, **Maponga CC**. Manpower Survey of Zimbabwe's Pharmacy Profession, **Maponga CC**, Barlow JC, Schentag JJ. Lack of effect of piroxicam on theophylline clearance in healthy volunteers. DICP, The Annals of Pharmacotherapy 1990; 124: 123-6. PMID: 230950

Consultancy Reports

- Mansfield D, Muhammad AC, Ayala JA, Berg C, Diskul D, Hutrado-Pascal F, Kalinin M, Mannan H, **Maponga CC**, Uribe VER, Wanpeng Z. Alternative Development: A Global Thematic Evaluation Final Synthesis Report, United Nations Office on Drugs and Crime 2005. p 1-33
- Maponga CC**. Report of the Desk Study Conducted in Preparation for Discussion on Harmonisation of National Reporting Requirements for ART Medicines Supply Management, IDA Solutions, Desk Study for AIDS Medicines and Diagnostic Services, October 2005, p1-41
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Book Reviews

Chagwena DT, Sithole B, Masendu R, Mkondo Y, Chiromba A, Muti M, Zvandaziva C, **Maponga CC.** Engaging youth in national infant and young child feeding programs in a resource-limited setting using affordable social networks to provide breastfeeding awareness. In PH Smith, M Labbok & B Chambers (Eds). Breastfeeding Social Justice and Equity. 2017 Texas: Praeclarus Press p395-404

Maponga CC. Journal of Applied Science in Southern Africa 1995; 1: 113- 114. Book Review of Parasitic Diseases by Bozdech and Manson. University of Zimbabwe Publications 1993

H RTP Scholars Publications Submitted for Review

Pinky Manyau

Manyau, P.C.M., Mudzviti, T., Rukaniko, S., Mberi, E.T., Maponga, C.C., Morse, G. D. (2020). Survival of HIV-infected patients with high-grade non-Hodgkin's lymphomas: A retrospective study of experiences in Zimbabwe. PLoS One. SUBMITTED – IN REVIEW

Manyau, P.C.M., Mudzviti, T., Mabeka, M., Kadzatsa, W., Nyamhunga, A. (2020). Cisplatin-induced nephrotoxicity in HIV-1-infected and uninfected cervical cancer patients receiving chemoradiation in Zimbabwe.

Dr Madhombiro

Madhombiro, M., Abas, M., Kidd, M., Dube, B., Dube, M., Mutsvuke, W., Muronzie, T., Zhou, D., Derveeuw, S., Chibanda, D., Chingono, A. Rusakaniko, S., Hutson, A., Morse, G., Seedat, S. (2020). Effectiveness of a psychological intervention delivered by general nurses for alcohol use disorders in people living with HIV in Zimbabwe: a cluster randomized controlled trial. Journal of the International AIDS Society

Dr Zhou

Chagwena, D.T., Venuto, C., Hochreiter, J., Monera-Penduka, T.G., Mudzviti, T., Makita-Chingombe, F., **Zhou, D.T.**, DiFrancesco, R., Maponga, C.C., Morse, G.D. (2020). Implications of plasma proteins binding on atazanavir pharmacokinetics with ritonavir and boceprevir.

Celia Matyanga

Matyanga, C., Morse, G. D., Gundidza, M., Nhachi, C. F. B. (2020). African Potato (Hypoxis heme-rocallidea): a Systematic Review of its Chemistry, Pharmacology and Ethno medicinal Properties. BMC Complementary Medicine and Therapies. IN REVIEW

Matyanga, C., Morse, G. D., Gundidza, M., Ndawanad, B., Reid, A., Chitsike, I., Nhachi, C. F. B. (2020). Impact of acute, oral ingestion of African-potato on hepatic and renal function tests in HIV-infected patients on combination antiretroviral therapy. Journal of Herbal Medicine

Dr Nyamhunga

Nyamhunga, A., Ndlovu, N., Kadzatsa, W., Maponga, C. C., Morse, G.D. (2020). Chemoradiation in stage IIIB cancer of the uterine cervix: a review of the Zimbabwean experience. Albert Nyamhunga, Ntoko Ndlovu, Webster Kadzatsa, Charles C. Maponga, Gene D. Morse. Journal of Global Oncology.

Malinda Kaiyo-Utete

Kaiyo-Utete, M., Dambi, J.M., Chingono, A., Langhaug, L., Magwali, T., Henderson, C., Chirenje, Z.M. (2020). Validation of two depression screening tools.

Taona Mudhluli

Mudhluli, T., Zhou, D.T., Mano, R., Manasa, J., Ma, Q. (2020). Pharmacomicrobiomics Impact on Antiretroviral Therapy. Microbiome Journal.

Mudhluli, T., Zhou, D.T., Mano, R., Manasa, J., Ma, Q. (2020). Antiretroviral dysbiosis in the gut microbiota of infants and its association with Nutrition. Microbiome Journal.

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Program Manuscripts

Maponga, C. C., Monera-Penduka, T. G., Mtisi, T., DiFrancesco, R., Makita-Chingombe, F., Mazambara, F., Tooley, K., Mudzviti, T., Morse, G. D. (2020). Two decades of collaborative human immunodeficiency virus clinical pharmacology capacity building in a resource constrained setting. Journal of Public Health in Africa

Mazambara, F., Chagwena, D., Mudzviti, T., Monera-Penduka, T. G., Sithole, S., Maponga, C. C., Morse, G. D. (2020). Utility of HIV support groups in advancing implementation research in resource-limited settings: Experiences from an urban-setting HIV support group in Zimbabwe. African Journal of AIDS Research.



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