

Mapaseka Luyanda Seheri
Virological Pathology



Qualifications

PhD, Sefako Makgatho Health Sciences University
Award Date: 7 May 2010

Employment

DIRECTOR

Virological Pathology
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4 Jan 2010 → present

Research outputs

Evolutionary changes between pre-and post-vaccine South African group A G2P[4] rotavirus strains, 2003–2017

Mwangi, P. N., Page, N. A., Seheri, M. L., Mphahlele, M. J., Nandan, S., Esona, M. D., Kumwenda, B., Kamng'ona, A. W., Donato, C. M., Steele, D. A., Ndze, V. N., Dennis, F. E., Jere, K. C. & Nyaga, M. M., 2022, In: *Microbial genomics*. 8, 4, 000809.

Evaluation of Potency and Duration of Immunity Elicited by a Multivalent FMD Vaccine for Use in South Africa

Peta, F. R. M., Sirdar, M. M., van Bavel, P., Mutowembwa, P. B., Visser, N., Olowoyo, J., Seheri, M. & Heath, L., 15 Dec 2021, In: *Frontiers in Veterinary Science*. 8, 750223.

Genetic characterization of G12P[6] and G12P[8] rotavirus strains collected in six African countries between 2010 and 2014

Rakau, K. G., Nyaga, M. M., Gededzha, M. P., Mwenda, J. M., Mphahlele, M. J., Seheri, L. M. & Steele, A. D., Dec 2021, In: *BMC Infectious Diseases*. 21, 1, 107.

Genetic characterisation of South African and mozambican bovine rotaviruses reveals a typical bovine-like artiodactyl constellation derived through multiple reassortment events

Strydom, A., Donato, C. M., Nyaga, M. M., Boene, S. S., Peenze, I., Mogotsi, M. T., João, E. D., Munlela, B., Potgieter, A. C., Seheri, M. L., de Deus, N. & O'Neill, H. G., Oct 2021, In: *Pathogens*. 10, 1308.

Whole genome analysis of human rotaviruses reveals single gene reassortant rotavirus strains in zambia

Maringa, W. M., Simwaka, J., Mwangi, P. N., Mpabalwani, E. M., Mwenda, J. M., Mphahlele, M. J., Seheri, M. L. & Nyaga, M. M., Sep 2021, In: *Viruses*. 13, 9, 1872.

Rotavirus breakthrough infections responsible for gastroenteritis in vaccinated infants who presented with acute diarrhea at University Teaching Hospitals, Children s Hospital in 2016, in Lusaka Zambia

Simwaka, J., Seheri, M., Mulundu, G., Kaonga, P., Mwenda, J. M., Chilengi, R., Mpabalwani, E. & Munsaka, S., Feb 2021, In: *PLoS ONE*. 16, 2 February, e0246025.

Whole Genome Analysis of African G12P[6] and G12P[8] Rotaviruses Provides Evidence of Porcine-Human Reassortment at NSP2, NSP3, and NSP4

African Rotavirus Surveillance Network, 12 Jan 2021, In: *Frontiers in Microbiology*. 11, 604444.

Whole-genome analyses identifies multiple reassortant rotavirus strains in Rwanda post-vaccine introduction

Rasebotsa, S., Uwimana, J., Mogotsi, M. T., Rakau, K., Magagula, N. B., Seheri, M. L., Mwenda, J. M., Mphahlele, M. J., Sabiu, S., Mihigo, R., Mutesa, L. & Nyaga, M. M., Jan 2021, In: *Viruses*. 13, 1, 95.

Norovirus diarrhea is significantly associated with higher counts of fecal histo-blood group antigen expressing *Enterobacter cloacae* among black South African infants

Magwira, C. A., Steele, D. & Seheri, M. L., 2021, In: *Gut Microbes*. 13, 1, 1979876.

Low fecal rotavirus vaccine virus shedding is significantly associated with non-secretor histo-blood group antigen phenotype among infants in northern Pretoria, South Africa

Magwira, C. A., Kgosana, L. P., Esona, M. D. & Seheri, M. L., 14 Dec 2020, In: *Vaccine*. 38, 52, p. 8260-8263 4 p.

Activities

Datasets