



SAAVT 2024 CONGRESS

Changes and challenges for the advancement of Veterinary Technology

Preliminary Programme

(kindly note the programme is subject to change)

Wednesday, 9 October 2024

Time	Description	Speaker
<i>Session chair: Itumeleng Matle</i>		
08h30	Welcome & Opening Remarks	Absalom Makhubela <i>Chairperson SAAVT</i>
08h40	Keynote address: The One Health Approach and the Opportunities it avails for Vet Techs	Dr Faith Peta, <i>FMD Vaccine Production Manager ARC-Onderstepoort Veterinary Research</i>
09h25	Discrepancy in dourine complement fixation test results at the Agricultural Research Council: Onderstepoort Veterinary Research, Bacterial Serology Laboratory	Maria Mathekga <i>ARC-OVR</i>
09h45	Guest speaker: Topic TBC	Dr Nomfundo Mnisi <i>Chairperson of HWSETA</i>
10h05	Mid-morning refreshments	
<i>Session chair: Nomkhosi Mathebula</i>		
10h30	Collaboration within the para-veterinary professionals in South Africa	Jabulane S. Magagula <i>University of Cape Town</i>
10h50	Development of a real-time PCR assay to detect a novel rickettsial agent identified in patients with acute febrile illness	Ni-Mari Smith <i>University of Pretoria</i>
11h10	Nontyphoidal Salmonella monitoring and surveillance in South Africa from 1959 – 2023: A bridging path to innovative approaches towards Global Health Security and Safe Trade Perspectives	Itumeleng Matle <i>Onderstepoort Veterinary Research</i>
11h30	Small changes making big differences in the Avian Influenza ELISA Test	Thea Conradie <i>Western Cape Provincial Veterinary Laboratory</i>
11h50	Poster Session 1	
12h30	Lunch	
<i>Session chair: Jabu Magagula</i>		
13h30	Analytical assay validation in a Clinical Pathology Laboratory set-up	Portia T Mashego <i>University of Pretoria</i>
13h50	Functional characterization of Type III Secretion System escV and escD proteins from E. coli genomes	Refiloe Malesa <i>Agricultural Research Council</i>
14h10	Phylogenetic analyses of recent dog rabies viruses from outbreaks in the Eastern Cape Province, South Africa	Mmantshuruge J. Miyen <i>Agricultural Research Council</i>
14h30	Building a foundation for quality: journey to setting up a laboratory for accreditation	Moloko Fransiscah Selepe <i>Stellenbosch Provincial Veterinary Laboratory</i>
14h50	Company showcase: Chemetrix - Agilent BioTek solutions for Veterinary Testing	Mr Nick Desmond Smith <i>Cell Analysis & Microplate Automation</i>
15h00	Mid-afternoon refreshments	
<i>Session chair: Nomsa Mabogoane</i>		
15h30	Genomic characterization and antimicrobial resistance profiles of Listeria monocytogenes isolated from pig farms	Puseletso Masemola <i>North-West University</i>



Time	Description	Speaker
15h50	Retrospective analysis of laboratory diagnostic data to assess the prevalence and seasonal variation of heartwater in commercial farms of Lephalale municipality, Limpopo, South Africa	Emmanuel M. Seakamela <i>Limpopo Department of Agriculture and Rural Development</i>
16h10	Occurrence, antibiotic resistance and genetic diversity of <i>Klebsiella pneumoniae</i> from various retail chicken meat in the Ngaka Modiri Molema district, South Africa	Neo Cecil Galetlole <i>North-West University</i>
16h30	Antimicrobial resistance and the population structure of salmonella enterica serovars from the environment, animals, and food products in South Africa	Aletta Mathole <i>Agricultural Research Council</i>
16h50	End of Day 1	
19h00	Congress Social Dinner in the Lobolo Venue <i>Theme: Traditional</i>	

Thursday, 10 October 2024

Time	Description	Speaker
<i>Session chair: Sphamandla Qwabe</i>		
08h30	Welcome	Absalom Makhubela <i>Chairperson SAAVT</i>
08h40	Keynote 2 – Veterinary Laboratory role in the control of diseases: Challenges and Perspective	Prof. Mulunda Mwanza <i>HOD Animal Health Department North-West University</i>
09h25	Metagenomics insights into the microbial resistome composition of Ready-to-eat (RTE) food products	Dr Thendo Mafuna <i>University of Johannesburg</i>
09h45	Guest speaker - The changes and challenges for the advancement of veterinary diagnostic laboratories in Southern Africa <i>*pre-recorded presentation</i>	Dr Moetapele Letshwenya <i>WOAH Sub-Regional Representative for Southern Africa</i>
10h05	Company showcase: Lasec – Tools for Disease Research	Lesego Vilakazi <i>Application Specialist: Physiology and Animal Sciences</i>
10h15	Mid-morning refreshments	
10h40	SAAVT AGM	
12h10	Poster Session 2	
12h40	Lunch	
<i>Session chair: Boitumelo Mokwana</i>		
13h40	The NSPCA, who are we?	Lebo Sentle <i>NSPCA</i>
14h00	Microbiological health status of experimental animals, South Africa's challenge	Jabulane S. Magagula <i>University of Cape Town</i>
14h20	Biobanking for animal health: storing natural treasures	Juanita van Emmenes <i>Agricultural Research Council</i>
14h40	Laboratory-based longitudinal surveillance of malignant catarrhal fever in Lephalale municipality in Limpopo province, South Africa: 2001–2021	Emmanuel M. Seakamela <i>Limpopo Department of Agriculture and Rural Development</i>
15h00	Mid-afternoon refreshments	
<i>Session chair: Obakeng Boshielo</i>		
15h20	Guest speaker: Topic TBC	Dr Nandipha Ndudane <i>President of the South African Veterinary Council</i>
15h40	Company showcase: SANAS Accreditation for Veterinary Laboratories	Lebogang Motsoeneng <i>SANAS</i>
15h55	Awards and closing of congress	
16h55	End of Congress	



Programme - Posters

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Wednesday, 9 October 2024

POSTER SESSION 1: 11h50 – 12h30

Description	Speaker
An overview of diagnosing bovine spongiform encephalopathy	Ntlhokoana D. Maluleke <i>ARC-OVR</i>
Epidemiological distribution of <i>Klebsiella Pneumoniae</i> in South Africa, based on the pattern, occurrence, and antibiotic resistance	Makhethe Motsoanyane <i>North-West university</i>
Molecular comparative study of antibiotic resistance of <i>Salmonella enterica</i> from animal, food, and environment isolated over 62 years	Maphori Nozipho Prudy <i>North-West university</i>
Characterisation and antibiotic resistance of <i>Yersinia enterocolitica</i> from various meat categories, South Africa (TBC)	Lavhelesani Makhado <i>Department Agriculture, Environmental Affairs, Rural Development and Land Reform (Northern Cape)</i>
Evaluating the risk factors of manure as fertilizer, and prevalent foodborne pathogens in feedlot cattle manure through metagenomic analysis	Nelly Mokoka <i>North-West University</i>
Prevalence, characterization and antimicrobial susceptibility patterns of extraintestinal pathogenic <i>Escherichia coli</i> from chicken carcasses in Gauteng province, South Africa (TBC)	Carol M. Nkosi <i>NCPVL</i>

Thursday, 10 October 2024

POSTER SESSION 2: 12h10-12h40

Description	Speaker
Isolation of a multidrug-resistant <i>Escherichia coli</i> pathotype Stx2:Cnf1:Cnf2:Eae as a potential cause of hemorrhagic diarrhea and secondary septicemia in a dog	Thabile Petunia Lukhele <i>University of Pretoria</i>
Validation of Rift Valley Fever method in the absence of positive samples since 2010 in South Africa	Nkagiseng Unity Moatshe <i>Agricultural Research Council</i>
Testing for blood protozoa in ticks collected from cattle and pastures in North-West and Mpumalanga	Moyagabo Elizabeth Sebisha <i>Tshwane University of Technology, Department of Biomedical Sciences</i>
Tick DNA extraction using high-pure PCR template preparation kit	Kamogelo Mokonyane <i>Tshwane University of Technology, Department of Biomedical Sciences</i>
Evaluation of OneTaq®2X Master Mix with standard buffer in amplification of tick DNA	Nikiwe Mkhari <i>Tshwane University of Technology, Department of Biomedical Sciences</i>
Detection of tick-borne blood bacteria from collected ticks	Salome RM Leshilo <i>Tshwane University of Technology, Department of Biomedical Sciences</i>

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