



FVM 3RD ANNUAL INTERNATIONAL SCIENTIFIC CONFERENCE PROGRAMME

DAY 1	WEDNESDAY OCTOBER 22, 2025
Time	Activities-
7-30-8.30am	Arrival and Registration
8.30-9.00am	Housekeeping
9.00-11.00am	Opening Ceremony
	Dean FVM -Welcome Remarks
	Guest of honor (VC, University of Nairobi)
11.00-11.30	Health Break
ORAL PRESENTATIONS	
SESSION 1	Animal Disease Surveillance and Epidemiological Research
Session chair	Dr. Joshua Onono
Rapporteur	Dr. Domiminic Ochwang'i
11.30 -11.50nn	Keynote: From data to decisions: Harnessing integrated animal health early warning systems for timely action - <i>by Dr Sophycate Njue</i>
11.50 - 12.05pm	Pastoralists' preferences during livestock disease reporting and response in northern Kenya: a participatory study- <i>By Derrick Sentamu</i>
12.05 - 12.20pm	Prevalence and species diversity gastrointestinal nematodes in sheep kept under pastoral systems in Njoro ward, Nakuru county - <i>Felix Kiprotich</i>
12.20-12.35pm	Prevalence and risk factors of sub-clinical mastitis in dairy cattle in Nyeri County, Kenya. <i>By Mathew Kiplimo</i>
12.35 -1.00pm	Plenary Q&A
1.00 -2.00 pm	Lunch Break



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SESSION 2	Drugs and antimicrobial resistance research
Session Chair	Prof. George C. Gitao
Rapporteur	Dr. Sharon Mbindyo
2.00 - 2.20pm	Keynote: Genes to Practices: Genomics of AMR at interfaces and the social ecology of use- <i>by Dr Dishon Muloi</i>
2.20 - 2.35 pm	Antibacterial activity of <i>Echinops Kebericho</i> against <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> and <i>Salmonella</i> : An In-Vitro Study- <i>by Dr. Addis Mekonnen</i>
2.35 - 2.50 pm	Identification and in silico characterization of non-nucleoside rdrp inhibitors of FMD virus using high throughput structure based virtual screening and AI and ml techniques - <i>Dr. I.O Mapenay</i>
2.50 - 3.05 pm	Prevalence of hemoparasite infections and use of antibiotics for treatments in cattle in coastal Kenya- <i>by Dr. Joel Nyamweya</i>
3.05- 3.20 pm	Prevalence and antimicrobial resistance of <i>Escherichia coli</i> pathotypes from post weaning piglets in Nyeri County, Kenya- <i>by Emma Mugo</i>
3.20 -3.35pm	Antimicrobial resistance patterns of salmonella isolated from eggs, raw milk cheese and yoghurt - <i>Dr. Addis Mekonnen</i>
3.35 -3.50pm	Phytochemical Profiles, Antioxidant and Hematinic Activities of <i>Hibiscus acetosella</i> Leaf Extracts on 2,4-Dinitrophenylhydrazine-Induced Anaemia in Wistar Rats – <i>By Willy Nzulu Kisoi</i>
3.50-4.00pm	CEVA Presentation
4.00 - 4.30 pm	Plenary Q&A
4.30- 4. 50pm	Health break

DAY 2	THURSDAY 23 OCTOBER 2025
7.45-8.20 am	Registration of participants
SESSION 3	Animal Diseases, Re-emerging Zoonoses and One Health
Session chair	Prof. Peter K. Gathumbi
Rapporteur	Dr. John M. Kimani
8.30 -8.50 am	Keynote: Sustainable control of <i>Taenia solium</i> - <i>by Dr. Lian Thomas</i>
8.50-9.05 am	Prevalence and risk factors associated with zoonotic gastrointestinal parasites of dogs in Kitui central sub-county Kitui county Kenya.- <i>Richard Kihara.</i>
9.05 -9.20 am	Sero-prevalence of Q-Fever Infection Among Cattle In West Omo Zone, Ethiopia: A Neglected Tropical Emerging Zoonosis- <i>by Mekonnen Addis</i>
9.20-9.35 am	Prevalence of canine rabies in Nairobi County, Kenya: A 6-year retrospective study. - <i>by Angel Mwangi</i>
9.35-9.50 am	Evaluation report on animal rabies surveillance system in Kenya (2019-2024) <i>by Mumbua Mbithi</i>
9.50-10.05.am	Molecular detection and genetic characterization of <i>toxoplasma gondii</i> in donkeys in Kirinyaga and Meru counties, Kenya – <i>by Dr. Fredrick Obonyo</i>
10.05-10.30am	Plenary Q&A
10.30-11.00am	Health Break

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SESSION 4	Aquaculture and Fisheries Management
Session Chair	Dr. Callen Onura
Rapporteur	Dr. Joel Ochieng
11.00-11.20 am	Keynote: Aquaculture development in Kenya: Challenges and future prospects - by Dr. Mary Opiyo
11.20-11.35 am	An insight into heavy metal levels and effects on the reproductive performance of <i>o. niloticus</i> within lake Victoria, Kenya - by Tobias Owiti
11.35-11.50am	Prevalence of Gastrointestinal Helminths in farmed and wild Tilapia species: A Comparative study from Mbeya Region and Lake Rukwa, Tanzania.- Adili Mbembela
11.50-12.05 pm	Levels, determinants and effects of polychlorinated biphenyls and organochlorine pesticides in fish in lake Victoria, Kenya- Joseph Okal
12.05 -12.25 pm	Aquaculture practices and fish welfare knowledge of fish farmers in Kisumu County, Kenya.- By Annah Mudamba
12.25 - 12.45pm	Advancing the welfare of farmed fish in Egypt and Kenya- by Faisal Quresh
12.45-1.00 pm	Plenary (Q&A)
1.00 2.00 pm	LUNCH
Session 5	Wildlife, Animal Welfare and Community Engagement
Session chair	Dr. Catherine Kaluwa
Rapporteur	Dr. Felix Kibegwa
2.00-2.20 pm	Keynote: Integrating indigenous knowledge and science diplomacy for sustainable wildlife, apiculture and aquaculture - Dr. James Njogu
2.20- 2.35pm	Shaping the future of nature based travel: The nexus between biodiversity, tourism and Innovation - Dr, Peter Njoroge
2.35 -2.50pm	Land use practices and their implications on avifauna in Masai Mara Ecosystem -by Prof. Muchane Muchai
2.50-3.05 pm	Diurnal time budget in relation to De Brazza's monkey (<i>Cercopithecus neglectus</i>) feeding behavior in western Kenya- by Jennifer Wanyingi
3.05- 3.20 pm	Dispersal ecology of the vulturine guinea fowl at Mpala Ranch, Laikipia, Kenya - by Anne Namaemba.
3.20-3.40 pm	Effect of altitudinal gradient, vegetation and soil properties on macro-fungi species richness, density, diversity and distribution in Abardare's Forest, Kenya- by Mary Muchane
3.40-3.55pm	Keynote: Welfare of working animals- by Dr. Brian Joseph.
3.55- 4.15pm	Welfare challenges among donkeys working in Ngurubani town in Mwea East Sub-county, Kirinyaga county- by Jane Njuguna
4.15- 4. 40 pm	Plenary (Q&A)
4.45 -5.00 pm	Health break -close for the day

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DAY 3	FRIDAY OCTOBER 24, 2025
7.45-8.20 am	Registration
Session 6	Innovations in Veterinary Diagnostics, Vaccines and Practice
Session chair	Prof. Samuel Githigia
Rapporteur	Dr. Rodi Ojoo
8.30- 8.45 am	Keynote Speaker: Zoonotic arbovirus surveillance and blood meal analysis in mosquito species from Isiolo County, Kenya <i>-by Hussein Abkallo</i>
8.45- 9.00 am	Development of CRISPR-CAS-based diagnostic tools for <i>Theileria parva</i> , <i>Babesia bigemina</i> and <i>Anaplasma marginale</i> infections in cattle - <i>by Robert Muriuki</i>
9.00-9.15 am	Assessing tissue responses in pigs challenged with three different doses of the highly virulent AFSV strain- <i>by Justine Mabuka</i>
9.15-9.30 am	Prevalence of tick-borne hemoparasites and associated vectors in dairy cattle in Githunguri sub-county, Kiambu county <i>-by Mark Ngere</i>
9.30-9.45 am	Prevalence and diversity of <i>Coccidia spp.</i> in sheep in Machakos county, Kenya - <i>By Fiona Mwendwa</i>
9.45-10.00	Participatory assessment of challenges faced by small ruminant producers in pastoral areas of Laikipia, Kenya- <i>by Ngotho-Esilaba,</i>
10.00-10.30 am	Plenary Q&A
10.30 -11.00am	Health Break
SESSION 7	Livestock Value Chains, Food and Feed Safety
Session chair	Dr. Isaac Mapenay
Rapporteur	Dr. Daniel Muasya
11.00-11.10 am	VetNOW Presentation
11.10-11.30 am	Keynote: Effects of application of SPS measures on safety of animal source foods- <i>by Evans Muthuma</i>
11.30-11.45 am	Prevalence and risk factors associated with the colonization of <i>Escherichia coli</i> and <i>Campylobacter spp.</i> in chicken in Murang'a County, Kenya - <i>by Luciano Achieng</i>
11.45-12.00 am	Indigestible foreign materials in Ghana's ruminant value chain: stakeholders' perspectives on impacts and mitigation - <i>by Acheampong Selina ,</i>
12.00 -12.15 am	Knowledge, attitudes and practices influencing <i>E.coli</i> contamination of raw milk in dairy farms in Narok county, Kenya- <i>Eric Eshitera</i>
12.15- 12.30 am	Occurrence of Crimean-congo hemorrhagic fever, tularemia and Rift Valley Fever in pastoralist systems in Africa.- <i>by Dr. Dickson Machira.</i>
12.30-1.00 am	Plenary (Q&A)
12-50- 2.00pm	Lunch Break

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SESSION 8	INNOVATIONS IN LIVESTOCK PRODUCTION AND FEEDING
Session chair	Dr. Tequiero Abuom
Rapporteur	Dr. Lucy Njagi
2.10-2.30 pm	Keynote: Semen collection, processing and artificial insemination in goats in Kenya - <i>Dr. Paul Juma</i>
2.30-2.45 pm	Black soldier fly larvae meal as an alternative protein source for optimizing poultry production and egg nutritional quality - <i>Linus Wamai.</i>
2.45- 3.00 pm	Insect-based feed efficiency gains upregulate the expression of growth and immune related genes in ross 308 broilers - <i>by Victor Rotich</i>
3.00-3.15 pm	Improving rumen digestibility through maize stover and hay treatment with molasses-maize flour yeast for beef cattle - <i>by Kiprono Toror</i>
3.15-3.35 pm	Brooke East Africa Presentation
3.35-3.55pm	Animal Health and biological threat reduction: WOAHA's support for Kenya.- <i>Ian Peter Busuulwa</i>
3.55 -4.30 pm	Plenary (Q&A)
4.30 - 5.00pm	CLOSING CEREMONY - END OF CONFERENCE Guest of honour: DVC(RIE)

DAY 4	SATURDAY OCTOBER 25, 2025
9.00 am - 4.00pm	Field Day CSR Activity at Ndumbuini Chief's Camp

POSTER PRESENTATIONS - To be displayed between 22-24/10/2025 at WMI	
1	Effect of marikebuni vaccine on feeding and reproductive success of <i>Rhipicephalus appendiculatus</i> - <i>by Peninah Njoroge</i>
2	Assessment of <i>Taenia saginata</i> and other enteric parasites in Narok County, Kenya - <i>by David Obiero</i>
3	Prevalence, diversity and risk factors associated with tick-borne hemopathogens of calves in smallholder dairy farms in Nandi County, Kenya - <i>Benson Rukwaro</i>