

## **COVAB LIST OF PUBLICATIONS IN THE YEAR 2022**

The List below shows some of the Publications by staff in the College in the year 2022.

1. Amugune, Billy & Matharu, Abneel & Ouma, Paul & Mutebi, Francis & Elson, Lynne & Fillinger, Ulrike & Krücken, Jürgen. (2022). Cost-Effective PCR-Based Identification of *Tunga penetrans* (Siphonaptera) Larvae Extracted from Soil Samples Containing PCR Inhibitor-Rich Material. *Insects*. 14. 5. 10.3390/insects14010005.
2. Anyuor, Samantha & Ayieko, M & Amulen, Deborah. (2022). Commercialization of Alate termites (*Macrotermes* sp.) to improve households' livelihoods in Vihiga county, Kenya. *African Journal of Food, Agriculture, Nutrition and Development*. 22. 19326-19338. 10.18697/ajfand.106.21085.
3. Asiimwe, Oscar & Wampande, Edward & Kinyi, Hellen & Extension, Kiu Publication. (2022). Assessment of the In Vivo Catalase Enzyme Activity and Anti-Obesity Effects of the Stem Bark Extract of *Erythrina abyssinica* on *Drosophila Melanogaster* Model of Diet Induced Obesity. 9. 17-33.
4. Atim, Priscilla & Meya, David & Gerlach, Elliot & Muhanguzi, Dennis & Male, Allan & Kanamwanji, Benedict & Nielsen, Kirsten. (2022). Lack of Association between Fluconazole Susceptibility and ERG11 Nucleotide Polymorphisms in *Cryptococcus neoformans* Clinical Isolates from Uganda. *Journal of Fungi*. 8. 508. 10.3390/jof8050508.
5. Atim, Stella & Ashraf, Shirin & Belij-Rammerstorfer, Sandra & Ademun, Anna & Vudriko, Patrick & Nakayiki, Teddy & Niebel, Marc & Shepherd, James & Balinandi, Stephen & Nakanjako, Gladys & Abaasa, Andrew & Johnson, Paul & Odongo, Steven & Esau, Martin & Bahati, Milton & Kaleebu, Pontiano & Lutwama, Julius & Masembe, Charles & Lambe, Teresa & Tweyongyere, Robert. (2022). Risk factors for Crimean-Congo Haemorrhagic Fever (CCHF) virus exposure in farming communities in Uganda. *Journal of Infection*. 85. 10.1016/j.jinf.2022.09.007.

6. ATUHAIRE, David. (2022). Sequence Diversity of Tp1 and Tp2 Antigens and Population Genetic Analysis of *Theileria parva* in Unvaccinated Cattle in Zambia's Chongwe and Chisamba Districts. *Pathogens*. 11. 10.3390/pathogens11020114.
7. Balinandi S, Chitimia-Dobler L, Giulio G, Nakayiki T, Kabasa W, Bbira J, Lutwama JJ, Mugisha L, Malmberg M. Morphological and molecular identification of ixodid tick species (Acari: Ixodidae) infesting cattle in Uganda. *Parasitology Research* 13th June 2020.
8. Balinandi S, Mugisha L, Johnson B, William K, Teddy K, Bakkes DK, Lutwama JJ, Chitimia-Dobler L, Malmberg M. General and local morphological anomalies in *Amblyomma lepidum* and *Rhipicephalus decoloratus* (Acari: Ixodidae) infesting cattle in Uganda. 2018 Dec 21. *Journal of Medical Entomology*.
9. Balinandi S, von Brömssen C, Tumusiime A, Kyondo J, Kwon H, Monteil VM, Mirazimi A, Lutwama J, Mugisha L, Malmberg M. Serological and molecular study of Crimean-Congo Hemorrhagic Fever Virus in cattle from selected districts in Uganda. *J Virol Methods*. 2021 Apr;290:114075. Epub 2021 Jan 27.
10. Balinandi S, Whitmer S, Mulei S, Nyakarahuka L, Tumusiime A, Kyondo J, Baluku J, Mutyaba J, Mugisha L, Malmberg M, Lutwama J, Shoemaker T, Klena J. Clinical and Molecular Epidemiology of Crimean-Congo Hemorrhagic Fever in Humans in Uganda, 2013–2019. *Am J Trop Med Hyg*. Published Online: 18 Oct 2021
11. Bikaako, Winnie & Kabahango, Patricia & Mugabi, Kenneth & Yawe, Agnes & Stallon, Kisembo & Kyewalabye, Elizabeth & Tukahirwa, Lillian & Kusiimakwe, Dean & Stanley, Meghan & Miller, Beth & Mugisha, Anthony & Rosenbaum, Marieke & Amuguni, Hellen. (2022). Breaking institutional barriers to enhance women's participation in and benefit from the Peste des Petits Ruminants and Newcastle Disease vaccine value chains for Sembabule district of Uganda. *PloS one*. 17. e0270518. 10.1371/journal.pone.0270518.
12. Bosco, Omony & Biran, Jakob & Kahwa, David & Aizen, Joseph & Golan, Matan & Nyatia, Edward & Sivan, Berta & Rutaisire, Justus. (2022). Cloning of gonadotropin Gph-alpha, FSH-beta and LH-beta subunits and seasonal profiles of steroid hormones in wild-caught Nile perch, *Lates niloticus*. *General and Comparative Endocrinology*. 323-324. 114035. 10.1016/j.ygcen.2022.114035.

13. Boulangé, Alain & Lejon, Veerle & Berthier, David & Thévenon, Sophie & Gimonneau, Geoffrey & Desquesnes, Marc & Samuel, Abah & Agboho, Ablawa & Chilongo, Kalinga & Gebre, Tsegaye & Fall, Assane & Dramane, Kaba & Magez, Stefan & Masiga, Daniel & Matovu, Enock & Moukhtar, Aldjibert & Neves, Luis & Olet, Pamela & Pagabeleguem, Soumaila & Cecchi, Giuliano. (2022). The COMBAT project: controlling and progressively minimizing the burden of vector-borne animal trypanosomosis in Africa. *Open Research Europe*. 2. 67. 10.12688/openreseurope.14759.2.
  
14. Corrigan, James & Marion, Brianna & English, James & Eneku, Wilfred & Weng, Ju & Rugg, Molly & Dotrang, Thoi & Dunford, James & Byaruhanga, Anatol & Byarugaba, Denis & Ramalho-Ortigao, Marcelo & Wanja, Elizabeth. (2022). Minimal Rickettsial Infection Rates and Distribution of Ticks in Uganda: An Assessment of the Seasonal Effects and Relevance to Tick-Borne Disease Risk in East Africa. *Journal of medical entomology*. 60. 10.1093/jme/tjac166.
  
15. Cossaboom, Caitlin & Luke, Nyakarahuka & Mulei, Sophia & Kyondo, Jackson & Tumusiime, Alex & Baluku, Jimmy & Akurut, Gloria & Namanya, Dianah & Kamugisha, Kilama & Nansikombi, Hildah & Nyabakira, Alex & Mutesasira, Semei & Whitmer, Shannon & Telford, Carson & Lutwama, Julius & Balinandi, Stephen & Montgomery, Joel & Klena, John & Shoemaker, Trevor. (2022). Rift Valley Fever Outbreak during COVID-19 Surge, Uganda, 2021. *Emerging infectious diseases*. 28. 10.3201/eid2811.220364.
  
16. Craig, Jessica & Musila, Lillian & Georges, Martin & Gachoya, Moses & Graham, Hatful & Mutai, Ivy & Nyachio, Atunga & Nakavuma, Jesca & Nagel, Tobi. (2022). The hunt for viruses that kill drug resistant bacteria. Are cures for some of the world's deadliest diseases hiding in our sewers?. *National Geographic*.
  
17. Dieter, Heylen & Kumsa, Bersissa & Kimbita, Elikira & Frank, Mwiine & Muhanguzi, Dennis & Jongejan, Frans & ADEHAN, Safiou & Touré, Alassane & Aboagye-Antwi, Fred & Ogo, Ndudim & Juleff, Nick & Crafford,

- Dionne & Fourie, Josephus & Labuchange, Michel & Madder, Maxime. (2022). Tick-borne pathogens of cattle in smallholder rural livestock production systems in East and West Africa. 10.21203/rs.3.rs-2321463/v1.
18. Dushime, Joseph & Nakalembe, Immaculate & Makuei, Yar & Kwitonda, Albert & Hakizimana, Samuel & Muathe, Stephen. (2022). Microfinance Institutions as a Vehicle for Poverty Eradication in Developing Countries: Evidence from the East African Community Member States. *European Scientific Journal, ESJ*. 18. 207. 10.19044/esj.2022.v18n22p207.
  19. Elmagzoub, Wisal & Idris, Sanaa & Isameldin, Maha & Arabi, Nassir & Abdo, Abdelmonem & Ibrahim, Mustafa & Khan, Md Anik Ashfaq & Tanneberger, Franziska & Bakhiet, Sahar & Okuni, Julius & Ojok, Lonzy & Gady, ElSagad & Abd El Wahed, Ahmed & Bekaert, Michaël & Mukhtar, Mohamed & Amanzada, Ahmad & Eltom, Kamal & Eltayeb, ElSagad. (2022). *Mycobacterium avium* subsp. paratuberculosis and microbiome profile of patients in a referral gastrointestinal diseases centre in the Sudan. *PLOS ONE*. 17. e0266533. 10.1371/journal.pone.0266533.
  20. Elson, Lynne & Matharu, Abneel & Riithi, Naomi & Ouma, Paul & Mutebi, Francis & Feldmeier, Herman & Krücken, Jürgen & Fillinger, Ulrike. (2022). Characterization of tungiasis infection and morbidity in Kenya reveals increase in disease burden during COVID-19 school closures.. 10.21203/rs.3.rs-2251725/v1.
  21. Erika Chenais and Klara Fischer. Increasing the Local Relevance of Epidemiological Research: Situated Knowledge of Cattle Disease Among Basongora Pastoralists in Uganda. *Front. Vet. Sci.*, 07 June 2018. Sec. Veterinary Humanities and Social Sciences. Volume 5 – 2018. <https://doi.org/10.3389/fvets.2018.00119>
  22. González Gordon, Lina & Porphyre, Thibaud & Muhanguzi, Dennis & Muwonge, Adrian & Boden, Lisa & Bronsvort, Barend. (2022). A scoping review of foot-and-mouth disease risk, based on spatial and spatio-temporal analysis of outbreaks in endemic settings. *Transboundary and Emerging Diseases*. 69. 10.1111/tbed.14769.
  23. Idris, Sanaa & Ali, Eva & Elmagzoub, Wisal & Okuni, Julius & Mukhtar, Mohamed & Ojok, Lonzy & Gady, ElSagad & Abd El Wahed, Ahmed & Eltom, Kamal & Gameel, Ahmed. (2022). First Report on Ovine

- Paratuberculosis in the Sudan: Diagnosis Using Different Techniques. *Animals*. 12. 3312. 10.3390/ani12233312.
24. Ivan, Byaruhanga & Andrew, Tamale & Sunday, Asingwire & Extension, Kiu Publication. (2022). Intentional Behaviors that Affect Utilization of Family Planning Services among HIV-Positive Women Attending Antiretroviral Therapy Clinics in Bushenyi District-Uganda. 10. 61-85.
25. Kading, Rebekah & Borland, Erin & Mossel, Eric & Nakayiki, Teddy & Nalikka, Betty & Ledermann, Jeremy & Crabtree, M.B. & Panella, Nicholas & Luke, Nyakarahuka & Gilbert, Amy & Kerbis-Peterhans, Julian & Towner, Jonathan S. & Amman, Brian & Sealy, Tara & Miller, Barry & Lutwama, Julius & Kityo, Robert & Powers, Ann. (2022). Exposure of Egyptian Rousette Bats (*Rousettus aegyptiacus*) and a Little Free-Tailed Bat (*Chaerephon pumilus*) to Alphaviruses in Uganda. *Diseases*. 10. 121. 10.3390/diseases10040121.
26. Kakooza, Steven & Watuwa, James & Ipola, Patrick & Munyirwa, Damien & Kayaga, Edrine & Nabatta, Esther & Mahero, Michael & Ssajjakambwe, Paul & Kaneene, John. (2022). Seromonitoring of brucellosis in goats and sheep slaughtered at an abattoir in Kampala, Uganda. *Journal of veterinary diagnostic investigation: official publication of the American Association of Veterinary Laboratory Diagnosticians, Inc.* 34. 10406387221126658. 10.1177/10406387221126658.
27. Kankya, Clovice & Dürr, Salome & Hartnack, Sonja & Warembourg, Charlotte & Okello, Justine & Muleme, James & Okello, Walter & Methodius, Tubihemukama & Alobo, Grace & Odoch, Terence. (2022). Awareness, Knowledge, and Perceptions Regarding Rabies Prevention Among Rural Communities in Masaka District, Central Uganda: A Qualitative Study. *Frontiers in Veterinary Science*. 9. 10.3389/fvets.2022.863526.
28. Kankya, Clovice & Okello, Justine & Rogers, Wambi & Lesley Rose, Ninsiima & Tubihemukama, Methodius & Kulabako, Christine & Asaba, Richard & Baguma, James & Munyeme, Musso & Muleme, James. (2022). Utilization of health belief model in comprehending diarrheal disease

- dynamics: a case of cryptosporidiosis in Uganda. *BMC Public Health*. 22. 10.1186/s12889-022-14413-0.
29. Kasaija, Paul & Contreras, Marinela & Kirunda, Halid & Nanteza, Ann & Kabi, Fredrick & Mugerwa, Swidiq & Fuente, José. (2022). Inspiring Anti-Tick Vaccine Research, Development and Deployment in Tropical Africa for the Control of Cattle Ticks: Review and Insights. *Vaccines*. 11. 99. 10.3390/vaccines11010099.
30. Kasozi, Keneth & Macleod, Ewan & Waiswa, Charles & Mahero, Michael & Ntulume, Ibrahim & Welburn, Susan. (2022). Systematic Review and Meta-Analysis on Knowledge Attitude and Practices on African Animal Trypanocide Resistance. *Tropical Medicine and Infectious Disease*. 7. 205. 10.3390/tropicalmed7090205.
31. Kato, Charles & Twesigye, Dorothy & Alibu, Vincent & Nanteza, Ann & Nsubuga, Julius & Mugasa, Claire & Matovu, Enock. (2022). Plasma Neuron-Specific Enolase is not a reliable biomarker for staging *Trypanosoma brucei rhodesiense* sleeping sickness patients. *BMC Research Notes*. 15. 10.1186/s13104-022-05981-w.
32. Kato, Charles & Twesigye, Dorothy & Alibu, Vincent & Nanteza, Ann & Nsubuga, Julius & Mugasa, Claire & Matovu, Enock. (2022). Plasma Neuron-Specific Enolase is not a reliable biomarker for staging *Trypanosoma brucei rhodesiense* sleeping sickness patients. *BMC Research Notes*. 15. 10.1186/s13104-022-05981-w.
33. Kazibwe, George & Ndekezi, Christian & Alinaitwe, Ruth & Alafi, Stephen & Nanteza, Ann & Kimuda, Magambo & Nakavuma, Jesca. (2022). Genome Sequences of Bacteriophages UPEC01, UPEC03, UPEC06, and UPEC07 Infecting Avian Pathogenic *Escherichia coli*. *Microbiology Resource Announcements*. 11. 10.1128/mra.00811-21.
34. Kisaka, Stevens & Makumbi, Fredrick & Majalija, Samuel & Bahizi, Gloria & Thumbi, SM. (2022). Delays in initiating rabies post-exposure prophylaxis among dog bite victims in Wakiso and Kampala districts, Uganda. *Open Research Africa*. 4. 49. 10.12688/aasopenres.13311.3.

35. Kisaka, Stevens & Makumbi, Fredrick & Majalija, Samuel & Muwanga, Moses & Thumbi, S.. (2022). The potential for the double risk of rabies and antimicrobial resistance in a high rabies endemic setting: detection of antibiotic resistance in bacterial isolates from infected dog bite wounds in Uganda. *Antimicrobial Resistance & Infection Control*. 11. 10.1186/s13756-022-01181-0.
  
36. Kitibwa, Annah & Matovu, Enock & Mulindwa, Julius & Kimuda, Magambo & Namulondo, Joyce & Nyangiri, Oscar & Nerima, Barbara. (2022). High prevalence of *Schistosoma mansoni* infection and stunting among school age children in communities along the Albert-Nile, Northern Uganda: A cross sectional study. *PLoS Neglected Tropical Diseases*. 16. 10.1371/journal.pntd.0010570.
  
37. Kizza, Daniel & Ocaido, Michael & Mugisha, Anthony & Azuba, Rose & Nalubwama, Sylvia & Nalule, Sarah & Onyuth, Howard & Musinguzi, Simon Peter & Waiswa, Charles. (2022). The economic cost of bovine trypanosomiasis in pastoral and agro pastoral communities surrounding Murchison Falls National park, Buliisa district, Uganda. *BMC Veterinary Research*. 18. 10.1186/s12917-022-03468-1.
  
38. Kizza, Daniel & Ocaido, Michael & Mugisha, Anthony & Musoke, Rose & Nalule, Sarah & Onyuth, Howard & Musinguzi, Simon Peter & Nalubwama, Sylvia & Waiswa, Charles. (2022). Knowledge, attitudes and practices on bovine trypanosomiasis control in pastoral and agro pastoral communities surrounding Murchison Falls National Park, Uganda. *Tropical Animal Health and Production*. *Tropical Animal Health and Production*.
  
39. Kyobutungi, Victo & Ssebagereka, Anthony & Begumisa, Christine & Muhumuza, Christine & Atuheire, Collins & Matovu, Joseph. (2022). Quality of HIV Counselling Services Offered in Public Health Facilities in Kampala, Uganda. *Acta Scientific Medical Sciences*. 6. 123-131. 10.31080/ASMS.2022.06.1203.
  
40. Luke, Nyakarahuka & Mulei, Sophia & Whitmer, Shannon & Jackson, Kyondo & Tumusiime, Alex & Schuh, Amy & Baluku, Jimmy & Joyce,

- Allison & Ocom, Felix & Tusiime, Jayne & Montgomery, Joel & Balinandi, Stephen & Lutwama, Julius & Klena, John & Shoemaker, Trevor. (2022). First laboratory confirmation and sequencing of Zaire ebolavirus in Uganda following two independent introductions of cases from the 10th Ebola Outbreak in the Democratic Republic of the Congo, June 2019. *PLOS Neglected Tropical Diseases*. 16. e0010205. 10.1371/journal.pntd.0010205.
41. Luke, Nyakarahuka & Whitmer, Shannon & Kyondo, Jackson & Mulei, Sophia & Cossaboom, Caitlin & Telford, Carson & Tumusiime, Alex & Akurut, Gloria & Namanya, Dianah & Kamugisha, Kilama & Baluku, Jimmy & Lutwama, Julius & Balinandi, Stephen & Shoemaker, Trevor & Klena, John. (2022). Crimean-Congo Hemorrhagic Fever Outbreak in Refugee Settlement during COVID-19 Pandemic, Uganda, April 2021. *Emerging infectious diseases*. 28. 10.3201/eid2811.220365.
42. Magala, Joseph & Kahwa, David & Nyatia, Edward & Timothy, Kasule & Natwijuka, Fortunate. (2022). Aflatoxin Contamination and Rancidity in Locally Processed Commercial Fish Feeds and Ingredients along the Value Chain in Wakiso and Kampala Districts, Uganda. *Food and Nutrition Sciences*. 13. 619-637. 10.4236/fns.2022.137046.
43. Michodigni, Noutin F. & Nakayinga, Ritah & Makumi, Angela & Kimani, Josephine & Mutai, Ivy & Dapuliga, Christy & Getachew, Belayneh & Agbankpe, Alidehou & Nakavuma, Jesca & Nyachieo, Atunga & Nnadi, Emmanuel. (2022). The Africa Phage Forum: A New Collaborative Network for Bacteriophage Research in Africa. 10.20944/preprints202201.0345.v1.
44. Milton, Ali & Muhanguzi, Dennis & Male, Allan & Kajubi, Ali & Buah, Stephen & Kubiriba, Jerome & Tumuhimbise, Robooni. (2022). Analysis of Genetic Diversity of Banana Weevils (*Cosmopolites sordidus*) (Coleoptera: Curculionidae) Using Transcriptome-Derived Simple Sequence Repeat Markers. *Journal of economic entomology*. 115. 10.1093/jee/toab213.
45. Mohr, Bert & Souilem, Ouajdi & Abdussamad, Abdussamad & Benmouloud, Abelouafi & Bugnon, Phillippe & Chipangura, John & Fahmy, Sohair & Fourie, Tamsyn & Gaafar, Khadiga & Jillani, Ngalla & Kantyok, Josiah &



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46. Muhanguzi, Dennis & Ndekezi, Christian & Nkamwesiga, Joseph & Kalayou, Shewit & Ochwo, Sylvester & Vuyani, Moses & Kimuda, Magambo. (2022). Anti-Tick Vaccines: Current Advances and Future Prospects. 10.1007/978-1-0716-1888-2\_15.
47. Muleme, James & Musoke, David & Balugaba, Bonny & Kisaka, Stevens & Makumbi, Frederick & Buregyeya, Esther & Isunju, John Bosco & Rogers, Wambi & Mugambe, Richard & Kankya, Clovice & Munyeme, Musso & Ssempebwa, John. (2022). Epidemiology of Extended-spectrum beta-lactamase-producing *Escherichia coli* at the human-animal-environment interface in Wakiso district, Uganda. 10.1101/2022.11.12.22282228.
48. Musewa, Angella & Basuta Mirembe, Bernadette & Monje, Fred & Doreen, Birungi & Nanziri, Carol & Aceng, Freda & Kabwama, Steven & Kwesiga, Benon & Ndumu, Deo & Luke, Nyakarahuka & Joshua, Buule & Cossaboom, Caitlin & Lowe, David & Kolton, Cari & Marston, Chung & Stoddard, Robyn & Hoffmaster, Alex & Ario, Alex & Zhu, Bao-Ping. (2022). Outbreak of cutaneous anthrax associated with handling meat of dead cows in Southwestern Uganda, May 2018. *Tropical Medicine and Health*. 50. 10.1186/s41182-022-00445-0.
49. Nabatanzi, Alice & Kazibwe, Anne & Nakalembe, Immaculate & Nabubuya, Agnes & G, Tumwine & BN, Kungu & Kabasa, John. (2022). Nutraceutical and Antinutritional properties of Wild edible plants consumed by Pregnant women and School-age Children (6-12 years) in Najjembe sub-county, Buikwe district, Uganda. 22. 21990 - 22016. 10.18697/ajfand.115.20925.
50. Nagel, Tobi & Musila, Lillian & Muthoni, Milkah & Nikolich, Mikeljon & Nakavuma, Jesca & Clokie, Martha. (2022). Phage banks as potential tools to rapidly and cost-effectively manage antimicrobial resistance in the developing

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51. Nakavuma, Jesca & Okello, Walter & Nasaka, Joelia & Bukenya, Stephen & Solomon, Odur & Naggirinya, Agnes. (2022). CROSS-SPECIES TRANSMISSION OF COVID-19 AT ANIMAL-HUMAN INTERFACE: A ONE HEALTH APPROACH FOR IMPROVED DISEASE SURVEILLANCE AND CONTROL IN UGANDA. 10.22541/au.164873468.80238886/v1
52. Nambala, Peter & Mulindwa, Julius & Chammudzi, Priscilla & Senga, Edward & Lemelani, Marshal & Zgambo, Drifton & Matovu, Enock & Macleod, Annette & Musaya, Janelisa. (2022). Persistently High Incidences of *Trypanosoma brucei rhodesiense* Sleeping Sickness With Contrasting Focus-Dependent Clinical Phenotypes in Malawi. *Frontiers in Tropical Diseases*. 3. 824484. 10.3389/fitd.2022.824484.
53. Nambala, Peter & Mulindwa, Julius & Noyes, Harry & Namulondo, Joyce & Nyangiri, Oscar & Matovu, Enock & Macleod, Annette & Musaya, Janelisa. (2022). Distinct Differences in Gene Expression Profiles in Early and Late Stage *Rhodesiense* HAT Individuals in Malawi. 10.1101/2022.11.28.518140.
54. Namuwulya, Prossy & Bukenya, Henry & Tushabe, Phionah & Tweyongyere, Robert & Bwogi, Josephine & Cotten, Matthew & Phan, My. (2022). Near-Complete Genome Sequences of Measles Virus Strains from 10 Years of Uganda Country-wide Surveillance. *Microbiology Resource Announcements*. 11. 10.1128/mra.00606-22.
55. Nanteza, Ann & Nsadha, Zachary & Nsubuga, Julius & Oligo, Stephen & Kazibwe, Anne & Terundaja, Clare & Matovu, Enock & Lubega, George. (2023). Assessment of the Impact of Early Diagnosis and Early Treatment in the Integrated Control of East Coast Fever (ECF) Involving Acquired Immunity Induced by Natural Infection in Ankole Cattle. *Pathogens*. 12. 115. 10.3390/pathogens12010115.

56. Nasaka, Joelia & Nizeyi, John & Okello, Samuel & Katongole, Constantine. (2022). Sun-drying as an effective strategy to reduce total oxalate and phytate contents of plant leaves commonly used in quail feeding in Uganda. *Journal of Tropical Agriculture*. 99. 166.
57. Nkamwesiga, Joseph & Korennoy, Fedor & Lumu, Paul & Nsamba, Peninah & Mwiine, Frank & Roesel, Kristina & Wieland, Barbara & Perez, Andres & Kiara, Henry & Muhanguzi, Dennis. (2022). Spatio-temporal cluster analysis and transmission drivers for Peste des Petits Ruminants in Uganda. *Transboundary and Emerging Diseases*. 69. 10.1111/tbed.14499.
58. Odongo, Steven & Okella, Hedmon & Ndekezi, Christian & Okee, Moses & Namayanja, Monica & Mujuni, Brian & Sterckx, Yann G J & Kizito, Dennison & Radwanska, Magdalena & Magez, Stefan & Ikwap, Kokas & Mwiine, Frank & Lutwama, Julius & Ibingira, Charles. (2022). Retrospective in silico mutation profiling of SARS-CoV-2 structural proteins circulating in Uganda by July 2021: Towards refinement of COVID-19 disease vaccines, diagnostics, and therapeutics. *PLOS ONE*. 17. e0279428. 10.1371/journal.pone.0279428.
59. Okella, Hedmon & Okello, Emmanuel & Mtewa, Andrew & Ikiriza, Hilda & Kaggwa, Bruhan & Aber, Jacqueline & Ndekezi, Christian & Nkamwesiga, Joseph & Ajayi, Clement & Mugeni, Ivan & Ssentamu, Geoffrey & Ochwo, Sylvester & Odongo, Steven & Tolo, Casim & Kato, Charles & Ogwang, Patrick. (2022). ADMET profiling and molecular docking of potential antimicrobial peptides previously isolated from African catfish, *Clarias gariepinus*. *Frontiers in Molecular Biosciences*. 9. 10.3389/fmolb.2022.1039286.
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61. Olengo, Alex & Nantezza, Ann & Perino, Elvio & Garbe, Leif-Alexander & Marillonnet, Sylvestre & Gruetzner, Ramona & Saimo-Kahwa, Margaret & Schultz, Fabien & Koch, Matthias. (2022). Molecular cloning and recombinant protein expression of 9-Lipoxygenase gene from *Solanum tuberosum* in *Pichia pastoris* yeast cells. 10.1101/2022.05.18.492528.
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63. S Balinandi, J Hayer, H Cholleti, M Wille, JJ Lutwama, M Malmberg, L Mugisha. Identification and molecular characterization of highly divergent RNA viruses in cattle, Uganda. *Virus Research* 313, 198739. May 2022.
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