

Program Schedule@ VetCon2026

10-11 April, 2026

Venue: Dreamland Gold Resort and Hotel, Manigram, Rupandehi, Nepal

Day 1: Session 1: Inagural session

Hall 1	8.00-9.30	Registration and Breakfast			
	9.30-12.30	Inaugural Session			
	13.30-14.00	Lunch			
	Time	Topic	Speaker	Speaker Category	Affiliation

Day 1: Session 2A: Policy and Socioeconomic

Chair:Rapporters:and

Hall 1	14.00-14.15	Strengthening Foodborne AMR Surveillance, Raising Awareness, and Addressing AMR Regulatory Gaps: FAO's Strategic Support to Government Initiatives	Sakar Shivakoti	Oral	FAO, UN, Nepal
	14.15-14.30	Digital Pathology and Artificial Intelligence for Veterinary Disease Diagnosis and Education in developing countries like Nepal	Dinesh Kumar Singh	Oral	IAAS, TU
	14:30 – 14:40	Milky Way: Transforming Dairy Sector of Nepal	Lekh Nath Adhikari	Oral	Heifer International, Nepal
	14:40 – 14:50	One Health in Nepal: Issues, Challenges, and a Way Forward	Banshi Sharma	Oral	
	14:50 – 15:00	Hybrid Distance Digital Training (HDDT) and Distance Continuous and Mentoring Education (DCME) Platform for Enhancing the Technical Capacity of VAHWs in Nepal	Garima Khanal	Oral	Heifer International, Nepal
	15:00 – 15:10	Veterinary Antimicrobial Use in Nepal 2022-2024	Sujeeta Pokharel Dhakal	Oral	VSDRL
	15:10 – 15:25	TEA BREAK			

	15:25 – 15:35	Assessing The Efficiency of Mobile Applications Against Paper-Based Goat Performance Recording System	Rupesh Kafle	Oral	Heifer International, Nepal
	15:35 – 15:45	Profitability of dairy cattle farms in selected districts of Nepal	Jyoti Dhungana	Oral	IAAS, TU
	15.45-16.10	Advancing Veterinary Regulation: Global Insights and Opportunities for Nepal	Prajwal Regmi	Invited	FDA, USA
	16.10-16.25	Baseline Survey and Pre-KAP study in Chitwan, Rupandehi and Banke districts of Nepal for the One Health Asia Program (OHAP)	Naresh Kumar Shah	Oral	HICAST
	17.00-17.30	COMMERCIAL SESSION			

Day 1: Session 2B: One Health and Zoonosis

Chair:Rapporters:and

Hall 2	14.00-14.25	Zoonoses in Nepal: A One-Health Approach	Sher Bahadur Pun	Invited	Sukraraj Hospital
	14.25-14.50	Enhancing animal health system for enhanced food and health security: FAO's efforts at the global level and in Nepal	Surendra Karki	Invited	FAO
	14.50-15.00	Antibiogram of Salmonella Isolated from Retail Buffalo Meat in Bharatpur Metropolitan City	Shekhar Pokhrel	Oral	AFU
	15.00-15.10	Antimicrobial Resistance in Riverine Escherichia Coli in The Kathmandu Valley: Evidence for One Health Intervention Needs	Manoj Kumar Shahi	Oral	Chulalongkorn University, CVL, NOHI
	15.10-15.20	Detection of Beta-Lactam Antibiotic Residues in Raw Milk Samples in Kathmandu Valley	Bibhuti Bam	Oral	HICAST
	15.20-15.300	Integration of One Health Strategy into Municipal Policy and Program: A Case Study from Badigad Rural Municipality	Rajendra Dhakal	Oral	Heifer
	15.30-15.45	TEA BREAK			
	15.45-15.55	Seroprevalence of Brucellosis in Cattle and Its Associated Risk Factor in Dairy Pocket Areas of Gorkha District	Anuj Khanal	Oral	

	15.55-16.05	Antibiotic Sensitivity Patterns in Bovine Subclinical Mastitis: A Nine-Year Retrospective Analysis from the Central Veterinary Laboratory, Kathmandu, Nepal	Shiva Khanal	Oral	IAAS, TU
	16.05-16.15	Assessment of Snail Host Species Linked to Helminth Parasites Using Morphometric Analysis in Chitwan	Chet Raj Pathak	Oral	FAVF, AFU
	16.15-16.45	Q & A Session			
	16.45-17.15	COMMERCIAL SESSION			

Day 2: Session 1A: Animal Science

Chair:Rapporters:and

Hall 1	9.00-9.25	Use of Dietary Exogenous Enzymes to Optimize Nutrient Utilization and Modulate Gut Health in Monogastric Animals	Rajesh Jha	Invited	University of Hawaii at Manoa, Honolulu, HI, USA
	9.25-9.50	Synchronizing Life History Traits: Biological Rhythms in Yak and Their Role in Nutrition, Reproduction, and Production	Shanker Raj Barsila	Invited	FAVF, AFU
	9.50-10.15	Insects as a Novel Nutrient Source for Feed and Food Applications	Prabhat Khanal	Invited	Nord University
	10.15-10.25	Effects of Dietary Treatments on Enteric Methane Emissions and Productivity of Dairy Animals	Shiva Hari Ghimire	Oral	FAVF, AFU
	10.25-10.35	Evaluation of a Locally Formulated Concentrated Feed Premix on Productive Performance, Milk Quality, and Economic Returns in Holstein Cross Dairy Cows in Melung, Nepal	Rupesh Kafle	Oral	Heifer International
	10.35-10.45	Mitigating Summer Production Slump: An Assessment of the Efficacy of Phytogenic Electrolytes and Antioxidant Adaptogens (Vam-C) on Egg Quality and Hen-Day Production in Commercial Layers	Ram Krishna Yadav	Oral	FAVF, AFU
	10.45-10.55	Udder Morphology, Milk Quality and Milk Composition of Saanen Goat	Sagun Malla	Oral	NARC

	10.55-11.05	Behavioral and Health Aspects of Dry Cows Reared in a Compost-Bedded Pack System	Hem Raj Dhakal	Oral	NCRP, NARC
	11.05-11.20	Q & A Session			

Day 2: Session 1B: Biotechnology

Chair:Rapporters:and

Hall 2	9.00-9.25	From Shell Gland to Eggshell: How Aging Disrupts Eggshell Biomineralization in Broiler Breeder hens	Birendra Mishra	Invited	University of Hawaii at Manoa, Honolulu, HI, USA
	9.25-9.50	Genomic Pathways to One Health: Climate Adaptation and Livestock Resilience in the Himalayan Region	Sangeet Lamichhane	Invited	Kent State University, USA
	9.50-10.15	Camelid single-domain antibodies: from discovery to biotherapeutic application	Toya Nath Baral	Invited	... USA
	10.15-10.45	Microbiome Engineering in Poultry Gut: Assembly, Function and Dynamics	Yadav Sharma Bajagain	Invited	CQU, Australia
	10.40-10.50	Whole-Genome Investigation of Genetic Architecture of Wild Buffalo in Nepal and its Implication on Conservation	Aashish Dhakal	Oral	IAAS, TU
	10.50-11.00	Copy Number Variation Landscapes Underlying Breed-Specific Genome Structure in Nepalese buffaloes	Uddhav Paneru	Oral	NARC
	11.00-11.10	A Comparative Study of Intestinal Microbiota in Sakini versus Hyline Brown Chicken Breeds	Wang Tshiring Pakhrin	Oral	Center for Biotech, AFU
	11.10-11.25	Q & A Session			

11:30-13:00 Panel Discussion (Bird Flu): Hall 1

	13:00-14:00	LUNCH BREAK			
--	-------------	--------------------	--	--	--

Day 2: Session 2A: Microbiology and Parasitology

Chair:Rapporters:and

Hall 1	14.00-14.25	Avian Influenza in Asia: Surveillance in Nepal as a Strategic Platform for One Health Collaboration	Manabu Onuma	Invited	NIES, Japan
---------------	-------------	---	--------------	---------	-------------

14.25-14.35	Efficacy of Anthelmintic Drugs Against Gastrointestinal Nematodes of Sheep in Jumla	Ramesh Prasad Sah	Oral	NARC
14.35-14.45	Isolation and Antibioqram of Salmonella spp. Present in Poultry Meat from Retailer Meat Shops of Nawalparasi (Bardaghat-Susta West), Nepal	Harikrishna Pokharel	Oral	IAAS, TU
14.45-15.55	Identification of Ticks and Tick-Borne Pathogens in Goats of Buffer Zones Around Chitwan National Park	Bishal Kandel	Oral	FAFV, AFU
14.55-15.05	Infectivity Titration and Characterization of an Archived Newcastle Disease Virus in Embryonated Eggs at Second Passage	Suman Khadka	Oral	FAFV, AFU
15.05-15.15	Seroprevalence of Neospora caninum in Dairy Herds of Rautahat District	Parisha Thapa	Oral	FAVF, AFU
15.15-15.25	Sero-Surveillance of Blue Tongue Virus Antibody and Their Associated Risk Factors Among Domesticated Ruminants of Chitwan District Of Nepal	Sachin Shrestha	Oral	IAAS, TU
15.25-15.35	Avian Metapneumovirus in Commercial Poultry Population of Nepal	Shriti Jha	Oral	FAFV, AFU
15.35-15.45	TEA BREAK			
Wildlife				
Chair:Rapporters:and				
15.45-16.10	Establishing a Viable Cell Culture Banking Network for Endangered Species Conservation in Asia	Manabu Onuma	Invited	NIES, Japan
16.10-16.35	One Health Approach in Successful Control of Avian Influenza among Large Felids in Gorakhpur Zoological Park	Yogesh Pratap Singh	Invited	.. India
16.35-16.45	Prospective of Integrated Biobanking of Endangered Wildlife and Indigenous Livestock Genetic Resources in Nepal	Himal Luitel	Oral	Center for Biotech, AFU
16.45-16.55	Factors influencing the foot health of captive Asian Elephants (Elephas maximus) in Chitwan National Park (CNP), Nepal	Rupak Khatri-Chhetri	Oral	FAVF, AFU

	16.55-17.05	Seroprevalence of Canine Distemper in Free-Roaming Dogs in Buffer Zone of Bardiya National Park, Nepal	Madan Bhandari	Oral	IAAS, TU
--	-------------	--	----------------	------	----------

Day 2: Session 2B: Animal Reproduction

Chair:Rapporters:and

Hall 2	14.00-14.25	Heat Detection Technique for Precise Timing of Insemination in Buffaloes	Bhuminand Devkota	Invited	FAVF, AFU
	14.25-14.35	Prevalence and Associated Risk Factors of Reproductive Disorders in Dairy Bovines of Nepal	Rabin Bastakoti	Oral	Bharatpur Metropolitan
	14.35-14.45	Standardization of Progesterone Impregnated Sponge Device for Intravaginal Use in Dairy Animals	Bimochan Poudel	Oral	Ichchhakamana Rural Municipality Chitwan
	14.45-15.55	Dynamics of Follicular and Corpus Luteum Size in Three Breeds of Cyclic Mares During Physiological Breeding Season	Nirvik Nyaupane	Oral	Equine Breeding Stud, Chitwan, Nepal
	14.55-15.05	Comparative Evaluation of Progesterone Impregnated Intravaginal Sponge and CIDR Device on Reproductive Performance of Anestrus Buffaloes	Sandeep Bhattarai	Oral	Pioneers Animal Hospital and Research Center Pvt. Ltd
	15.05-15.15	Postpartum Endometritis in Dairy Cattle: Prevalence, Risk Factors, and Reproductive Implications	Sushil Neupane	Oral	IAAS, TU
	15.15-15.25	Effect of Frequency of Canister Handling on Liquid Nitrogen Level and Post-Thaw Motility of Buffalo Bull Semen During Summer Season	Milan Poudel	Oral	FAVF, AFU
	15.25-15.35	Studies on Reproductive Parameters and Treatment of Infertility in Dairy Animals of Baitadi District, Nepal	Bishal Pathak	Oral	FAVF, AFU
	15.35-15.45	Reproduction and Fertility of Captive Asian Female Elephants (<i>Elephas maximus</i>) in Nepal	Grihamani Nepal	Oral	FAVF, AFU
	15.45-15.55	TEA BREAK			
Poultry Production and Management					

	15.55-16.20	Host Range Expansion of Highly Pathogenic Avian Influenza A Virus and Novel Vaccination Approaches	Santosh Dhakal	Invited	Kansas State Uni, USA
	16.20-16.45	Evolving Dynamics of Poultry Diseases: Challenges and Opportunities	Surya Paudel	Invited	City University of Hongkong, Hongkong
	16.45-16.55	Assessing the Potential of Genetic Transformation of Chicken Gut Commensal Bacterium Through Conjugal Transfer Using Random Transposon Mutagenesis: Exvivo and Invivo Model	Arjun Chapagain	Oral	University of Arkansas, Arkansas, United States
	16.55-17.05	Growth Performance, Carcass Characteristics, and Immune Response of Sakini Chickens Under Different Rearing Systems	Suman Karki	Oral	FAFV, AFU
	17.05-17.15	Quantification and Analysis of Mycotoxins in Poultry Feed of Commercial Poultry Farm in Bharatpur Metropolitan City, Chitwan	Krishna Prasad Chaudhary	Oral	FAFV, AFU
	17.15-17.25	Discussion and Question Answer			
	Closing session: 17.25-18.00				
	18:00-21:00 Gala Dinner				