Abstract Number	Presenting Author	Abstract Title
1*	Jessica Alonso	Exposure to zinc oxide and titanium dioxide nanoparticles affects markers of reproductive aging in female mice
2*	Anna Batey	Behavioral analysis of CD-1 mice prenatally exposed to Imidacloprid
3*	Amanda LaBarge	Chronic exposure to di(2-ethylhexyl) phthalate (DEHP) and diisononyl phthalate (DiNP) on the colon of mice
4*	Heather McDavid	Validating a Small Molecular Probe for the Rapid Diagnosis of Splenic Hemangiosarcoma
5*	Benjamin Rogers	Determining the effects of Escherichia coli vaccines on pig production performance in the nursery period
6*	Roxanne Lisowsky	Subcutaneous Dextrose Administration in Neonatal Wild Mammals
7*	Roxanne Lisowsky	Survey of Zoonotic Diseases in Wildlife Rehabilitators
8*	Riley Dunwoody	SARS-CoV-2 Surveillance in Mammals Undergoing Rehabilitation in Central Illinois
9*	Alyssa Blackmon	Effects of temperature and salinity on offspring in *Luciana parva and Luciana goodei*
10*	Grace Lunaburg	Vaccine hesitancy, antimicrobial use, and trust in parents and pet-owners: a cross-sectional survey
11*	Rachel Roxas	Emerging reproductive risks of Di-2-ethylhexyl terephthalate (DEHTP): vascular disruption in the uterus
12*	Lara Skarbek	Assessing preservation of culturable anaerobic bacteria from cat feces using BIOME- Preserve™ collection tubes
13*	Amelia Lucas	Mapping dairy herd contact patterns for simulation of infectious disease spread
14*	Jenna Camargo	Epidemiology of Emydid Herpesvirus-1 in Chelonians in Northern Illinois
15*	Natalie Lopez	The role ESR2 expression plays in regulating ovulation in granulosa cells
16*	Moira Roddy	Assessing the effects of phthalate exposure on solubility phase transition during embryogenesis in zebrafish

17	Charles Adegbole	Identifying Genetic Indicators for Antimicrobial Resistance Risk Assessment and Prediction
18	Sanjida Ahmed	SARS-CoV-2 serological surveillance in white-tail deer
19	Xiaobao Bai	Topical Malassezia infection triggers lymphocyte- and ILC-mediated Skin Inflammation in novel murine model.
20	Muhammad Rashid Bajwa	Antimicrobial resistance trends in Shigella spp. isolates in the United States, 1999-2018
21	Prakash Krishna Balasubramanian	Integrated Phenotypic and Genomic Surveillance of Antimicrobial-Resistant Foodborne Pathogens in Illinois Retail Foods
22	Cole Belcher	Phylogenetic and structural analysis of miconazole susceptibility in Malassezia pachydermatis isolates from dogs with otitis externa
23	Woosuk Choi	Pseudomonas aeruginosa Pyocyanin Promotes Airway Mucin Biosynthesis by SIRT1-mediated FOXA2 deacetylation
24	Sook Yin Chong	PrsA regulates competence development and virulence in Streptococcus pneumoniae
25	Insung Chun	Extracting Blastomyces spp. DNA from archived canine cytology samples
26	Kien Trung Dang	Pandemic-Associated Redistribution of Enterobacterales with Distinct Antimicrobial Resistance Profiles in Urinary Tract Infections in Vietnam, 2018–2024
27	Luoyan Duan	Acute azoxystrobin exposure is associated with gut microbiome disruption and altered hepatic gene expression
28	Dipali Gupta	The role of herpesvirus proteins in regulating mRNA splicing
29	Sushma Halekote Rudramurthy	Elucidating immune dysregulation driven by Staphylococcus aureus in atopic dermatitis using a novel murine model
30	Nicolas Hernandez	A broadly protective vaccine and novel delivery platform for influenza A virus
31	Abrar Hussain	Bayesian spatial prediction of three medically important tick species in Illinois
32	Shi Qian Lew	Pseudomonas aeruginosa Redox-Active Toxin Pyocyanin Induces Protein

		Citrullination to Exacerbate Airway Mucus Hypersecretion in Diseased Lungs
33	Eric Lundberg	Characterizing the localization of conserved herpesviral genes in Marek's disease virus
34	Md Mukthar Mia	Catechol-O-Methyltransferase as a Molecular Drug Target in Parasitic Filarial Nematodes
35	Akhila Naru	Development of Monoclonal Antibodies against SARS-CoV-2: Construction of Chimeric Neutralizing Antibodies for Therapeutic Applications
36	Lydia Okyere	Long Term Culture of Germ-Free Zebrafish Using Gamma-Irradiated Feeds
37	Anitha Sathish Kumar	Evaluation of a Chitosan–Mannose Nanoparticle Oral Subunit Vaccine Against Campylobacter jejuni in Poultry
38	Prajjwal Shrestha	Discovery of Small-Molecule Antimicrobials Against ESKAPE Pathogens through Integrated Computational and Phenotypic Screening
39	Liuying Song	MyD88 signaling in dendritic cells promotes Staphylococcus aureus–induced skin inflammation via IL-23 production
40	Udeni Walgamage	Development of Serotype-Independent Vaccine against Pneumococcal Diseases.
41	Jeremiah Wanyama	Evaluate the Effect of Aldicarb Exposure on the Gut Microbial Communities
42	Cong Wu	Semaglutide and Pioglitazone restore airway mucosal homeostasis by resolving Pseudomonas aeruginosa pyocyanin-induced mucus hypersecretion, ciliostasis, and type 2 airway inflammation
43	Hafiz Sohaib Zafar	Nucleocytoplasmic shuttling of Marek's disease virus UL47 is required for natural infection in chickens
44	Tongyu Zhang	Streptococcus pneumoniae allolytic factors compromise alveolar-capillary barrier integrity during acute lung infection in mice
45	Chongyang Zhang	Immunogenicity and preclinical efficacy characterization of SecVAX, a combined vaccine against Shigella, enterotoxigenic Escherichia coli, and V. Cholera

46⁺	Zoë Reynolds	Investigating Cryptosporidium parvum thrombospondin protein cpTSP2 in macrogamont development
47⁺	Sai Simha Reddy Vakamalla	Mapping the neutralizing epitopes of Vibrio cholerae TcpA and Cholera toxin
48⁺	Kathrine Van Etten	Characterization of Marek's disease virus glycoprotein C in cross-species transmission
49⁺	Yijia Yang	Assessing in vitro protection from antibodies derived from adhesins against Campylobacter
50⁺	Mary Bunnell	An ESR2-Lineage Subpopulation of Uterine Epithelial Cells Is Essential for Estradiol-Dependent Uterine Homeostasis
51⁺	Sophia Caron	Early Epigenetic and Transcriptional Reprogramming in Response to Phthalate Exposure Primes the Uterus for Fibrosis
52⁺	Nagabhushan Chandrashekar	Yeast antigens source modulates vaccine potency and immunity mediated by CD8+ T cells in CD4+ T cell-deficient hosts
53⁺	Sijie Chen	RNAs undergo solubility phase transition during vertebrate oocyte-to-embryo transition
54⁺	Nitish Arun Kulkarni	Resident cDC2 subset drive CD4⁺ T-cell help-independent CD8+ T cell cross-priming for type 17-mediated fungal vaccine immunity
55⁺	Yoongyeong Lee	Exploring the Immunomodulatory Effects of Cannabidiol on Tumor Immunity and Cancer Immunotherapy
56⁺	Meng Ma	Novel function of Bucky Ball in regulating oocyte-to-embryo transition in zebrafish
57⁺	Johanna Mettler	Metabolic Glycan Labeling Enables Surface Engineering of Canine Dendritic Cells
58⁺	Adarsh Ram	Role of Iroquois-class homeodomain protein IRX-3 in the uterus during early pregnancy
59⁺	Cassandra Rodenbaugh	Low-Dose Radiation Therapy as a Novel Treatment for Moderate to Severe Avian Pododermatitis
60⁺	Nicholle Ross	Effects of Metronomic Chlorambucil on Regulatory T Cells and Tumor Vasculature in Dogs with Soft Tissue Sarcoma
61	Omar Abdalla	Patient-Specific 3D Printed Frames for Minimally Invasive Brain Tumor Biopsy in Dogs

62	Nabeel Ahmad	Investigating PAC-1 as a Pharmacologic Strategyto Overcome Immune Checkpoint Inhibitor Resistance
63	Abdur Rehman Azam	Upregulated small GTPase immunity-associated proteins confer resistance to Neospora caninum in rat and bovine cells
64	Kavayshree Basavaraju	Proximal Promoters as Key Regulators of Gene Expression during Spermatogenesis: Insights from ATAC-seq and H3K27ac ChIP-seq Analysis.
65	Rachel Bender	Noncanonical imprinting of Tyrosine hydroxylase: a novel application of intersectional vectors
66	Thaina Cavalleri Sousa	Molecular Characterization of Stromal Collagen, Apoptosis and Cell Proliferation Pathways in the Prostates of Rats Chronically Exposed to an Environmentally Relevant Mixture of Endocrine Disrupting Chemicals
67	Chi Chen	Cell-type-specific gene expression signatures to identify and predict persistent PRRSV infection
68	Angela Dean	Phthalates alter the aryl hydrocarbon receptor pathway in the mouse ovary over time
69	Gustavo Farias	RNA-Seq-Informed Genome Annotation and Targeted Insights into Host-Interaction Genes for Emydomyces testavorans, an Emerging Fungal Pathogen of Chelonians
70	Flavia Caroline Farias dos Santos	Comparative chronic effects of di(2-ethylhexyl) phthalate (DEHP) and diisononyl (DiNP) on white adipose tissue in female mice
71	Rachael Feeney	Use of anterior-posterior (AP) radiographic views of the wing to evaluate the pectoral girdle in raptors
72	Audrey Fields	The Effects of Iodoacetic Acid on the Mouse Ovary
73	Andrei Galatanu	Optimization of an Accelerated Aging Model for the Study of Postoperative Cognitive Dysfunction (POCD) in C57BL/6J Mice
74	Ravi Shankar Goutam	Actin-dependent dynamic reorganization of endoplasmic reticulum during oocyte to embryo transition in Xenopus laevis

75	Lydia Hall	Investigating global DNA methylation of reproductive tissues and cancer in California sea lions (Zalophus californianus)
76	Yu Fan Hung	T cells Drive the Pathogenesis of Immune Checkpoint Inhibitor-Associated Renal Immune-Related Adverse Events
77	Zane Inman	Long term exposures to di(2-ethylhexyl) phthalate and diisononyl phthalate alter the Nrf2 signaling pathway in the mouse ovary.
78	Reni John	OXPHOS, NOT GLYCOLYSIS, PROMOTES THE SURVIVAL OF EFFECTOR Tc17 CELLS
79	Maltesh Kambali	Targeting Neuronal Bioenergetics in Genetic Mouse Models of Schizophrenia
80	Jie Li	Chronic Propylparaben Exposure Promotes Apoptosis and Fibrotic Remodeling in the Murine Oviduct
81	Alexis Liesen	Evaluating the Agreement Between Computed Tomography and Intraoral Radiography in Dental Extractions in Rabbits
82	Yushan Liu	Lupus conditions contribute to autoimmune myocarditis development by expanding autoreactive T cells
83	Jinrui Lyu	The α5-GABAA Receptor Positive Allosteric Modulator MP-III-022 Attenuates Surgery-Induced Cognitive Impairment via Microglial Modulation in Aged Mice
84	Vineetha Reddy Mareddy	Smartphone-Linked Field Deployable Test for Detection of African Swine Fever Virus Infection
85	Megan Morris	PTBP1 REGULATES MUCOSAL IMMUNITY AND GUT MICROBIOTA FUNCTION TO PREVENT IBD AND COLORECTAL CANCER
86	Kate Murphy	Flt3L Plays a Pathogenic Role in Autoimmune Myocarditis
87	Rajasekar Nagarajan	Neuroprotection by Chronic Intermittent Propofol is Critically Dependent on α5-GABA-A Receptors after Laparotomy in Aged Mice
88	Ji-Eun Oh	Differential Expression of Estrogen Receptors in Gnrh1^{+} Neurons: Insights from Single-Cell RNA Sequencing in Mice and Across Species
89	Jadesola Oladosu	Effects of imidacloprid on the ovary in adult mice

90	Sungsik Park	Neonatal Estradiol Exposure Disrupts Puberty and Fertility in Mongolian Gerbils: Implications for Non-Surgical Sterilization Strategies
91	Matheus Moreno Passos Barbosa	CD45-Targeted Cytokine Therapy in Spontaneous Canine Melanoma: A Translational Pilot Study
92	Vidhi Patel	Effects of Phthalate Metabolite Mixture Exposure on Mouse Oocyte
93	Macy Peterson	THE EFFECTS OF ANTICOAGULANT AND SAMPLE STORAGE TIME ON HEMATOLOGIC VALUES IN HUMBOLT PENGUINS (Spheniscus humboldti)
94	Zhili Qu	A Streamlined, User-Friendly Platform for Multi-Channel Fluorescence Histology Quantification
95	Anika Roy	Heterogenous PFOS effects in oocytes revealed via single-cell RNA sequencing and microinjection based toxicological assessment
96	Adira Safar	Chronic Exposure to an Environmentally Relevant Phthalate Mixture Induces an Immune Response in Young Adulthood that May Contribute to Oxidative Stress and Aberrant Extracellular Matrix Remodeling in the Ovary Later in Life.
97	Ramses Santacruz-Marquez	Long-Term Exposure to Di-(2-ethylhexyl) Phthalate Through the Diet Alters Expression of Steroidogenesis Associated Genes and Apoptosis Markers in the Mouse Ovary
98	Rajeev Shrestha	Design and Synthesis of Carbazole- and Naphthyl-Pyrimidine-Based Bacterial Growth Inhibitors Targeting Xanthomonas spp.
99	Ritwik Shukla	Metabolic Control of Endometrial Stromal-Endothelial Communication is Essential for the Maintenance of Pregnancy
100	Stephanie Sila	Minor Anesthetic Complications Common in Domestic Rabbits Undergoing Occlusal Adjustment (OA)
101	Wenchuan Sun	IB-DNQ: An NQO1-Activated Prodrug that Induces Immunogenic Cell Death and Enhances Immunotherapy in Bladder Cancer

102	Junyu Tang	A Tyrosine-Based Endocytic Signal in PRRSV Glycoprotein 3 Directs Its Intracellular Trafficking and Promotes Viral Replication
103	John Tuminello	Evaluation of the effects of time and temperature on hematology parameters of the Prairie Rattlesnake (Crotalus viridis)
104	Daniel Um	Acute Exposure to Perfluorooctanoic Acid (PFOA) Disrupts Steroidogenesis and Mitochondrial Function in Granulosa Cells
105	Lauren Vincent	DENTAL DISEASE OF DOMESTIC RODENTS (Cavia porcellus, Chinchilla lanigera, & Octodon degus): TREATMENTS, COMPLICATIONS, AND OUTCOMES (75 CASES)
106	Anastasiia Vasetska	Early-Life Estradiol Exposure Modulates Pubertal Development in Rabbits
107	Shuangqi Wang	Multi-layered Chromatin Reorganization at Mitotic Entry Revealed by SisterPore-C
108	Muxiao Wang	Chronic Inhibition or Chronic Activation of Astrocytes in Dentate Gyrus Results in Cognitive Phenotypes
109	Emma Wunderlich	Health Assessment in Free-Ranging Bog Turtles (Glyptemys muhlenbergii) in the Northeastern United States
110	Evan Zakharchenko	A Novel Assay for Tracking Meiotic DNA Repair in Ex-Vivo Testis Culture via Rete Testis EdU Delivery
111	Zhiming Zhao	Hepatic TMEM45B Attenuates Liver Fibrosis via Modulating Lysosomal Function in MASH

* DVM student poster

+ Trainee poster competition