



Congratulations to the 2023 ACVP Annual Meeting abstract award winners:

Young Investigators Award

Diagnostic Pathology

First Place: Calvin Ko, Iowa State University

DIAGNOSTIC INVESTIGATION OF MYCOPLASMA HYORINIS AS A POTENTIAL PATHOGEN ASSOCIATED WITH NEUROLOGICAL CLINICAL SIGNS AND CENTRAL NERVOUS SYSTEM LESIONS IN PIGS

Second Place: Yea Ji Jeong, The Ohio State University

APPLICATION OF IN VIVO LASER CONFOCAL MICROSCOPY AND ITS FEASIBILITY IN ROUTINE DIAGNOSIS OF SURGICAL BIOPSY SPECIMENS

Third Place: Allysa Cole, The Ohio State University

TWO CASES OF FELINE INTESTINAL HEMANGIOSARCOMA AND A RETROSPECTIVE EVALUATION OF FELINE HEMANGIOSARCOMA FROM 2002-2023

Experimental Disease

First Place: Ashleigh Shoemaker, Johns Hopkins School of Medicine

INVAGINATION IN THE DROSOPHILA SALIVARY GLAND IS MEDIATED BY AN SP1-LIKE TRANSCRIPTION FACTOR THROUGH THE REGULATED SECRETION OF A GPCR-PATHWAY LIGAND

Second Place: Katelin Davis, NIAID/NIH CBSTP/Purdue University

A MOUSE MODEL OF THE ATOPIC MARCH AND FOOD ALLERGIES

Third Place: Steven Hsu, NIC/NIH CBSTP/Michigan State University

THE COMBINATION OF MUTANT IL-7R AND RASGRP1 IS SUFFICIENT FOR LEUKEMOGENESIS

Industrial and Toxicologic Pathology

First Place: Shanny Hsuan Kuo, University of Illinois at Urbana-Champaign

PSEUDOMONAS AERUGINOSA-DERIVED VOLATILE ORGANIC COMPOUNDS ACTIVATE AHR SIGNALING AND POLARIZE TOWARD M1 MACROPHAGES, NEUTROPHILS, AND TYPE 17 IMMUNE RESPONSES THAT FAVOR MUCUS HYPERSECRETION IN DISEASED LUNGS

Second Place: Kimberly Demos-Davies, University of Minnesota

SPATIALOMICS CHARACTERIZATION OF THE NEUROINFLAMMATORY CONSEQUENCES OF EXTRACRANIAL RADIATION THERAPY IN MICE

Third Place: Ji-Hang Yin, Auburn University

DEVELOPMENTAL AND NEUROBEHAVIOR ALTERATIONS FOLLOWING THE EARLY-LIFE EXPOSURE TO PERCHLOROETHYLENE (PERC) IN THE ZEBRAFISH MODEL

Natural Disease

First Place: Devinn Sinnott, University of California, Davis

INVESTIGATING PROTOZOAL AND VIRAL CAUSES OF IDIOPATHIC ENCEPHALITIS IN AMERICAN BLACK BEARS (*URSUS AMERICANUS*) IN CALIFORNIA AND NEVADA

Second Place: Devinn Sinnott, University of California, Davis

GENOTYPIC VARIANTS BETWEEN FATAL AND NON-FATAL SARCOCYSTIS NEURONA INFECTIONS IN SOUTHERN SEA OTTERS (*ENHYDRA LUTRIS NEREIS*) IN CALIFORNIA

Third Place: Adrienne Glaser, NIH CBSTP/Michigan State University

MULTISYSTEMIC EFFECTS OF CANINE DISTEMPER VIRUS IN FERRETS

Society of Toxicologic Pathology Resident and Student Poster Award

Shanny Hsuan Kuo, University of Illinois at Urbana-Champaign

PSEUDOMONAS AERUGINOSA-DERIVED VOLATILE ORGANIC COMPOUNDS ACTIVATE AHR SIGNALING AND POLARIZE TOWARD M1 MACROPHAGES, NEUTROPHILS, AND TYPE 17 IMMUNE RESPONSES THAT FAVOR MUCUS HYPERSECRETION IN DISEASED LUNGS

Pathology of Wildlife and Zoo Animals Travel Award

Winner: Elizabeth Goldsmith, Washington State University

AN ETIOPATHOLOGIC INVESTIGATION OF TREPONEME-ASSOCIATED HOOF DISEASE, AN EMERGING HOOF DISEASE IN FREE-RANGING ELK (*CERVUS CANADENSIS*)

Veterinary Student Poster Awards

Best Diagnostic Pathology Poster

First Place: Arlene Khachadorian, University of Guelph

IMMUNOLABELING OF IBA-1, CD204, AND CD18 IN CANINE HISTIOCYTIC SARCOMA TISSUE MICROARRAYS

Second Place: Taína Rodríguez, Louisiana State University

CHARACTERIZATION OF POSTMORTEM TRAUMA AFTER FALL FROM HEIGHTS IN DOGS AND CATS

Third Place: Madison Callicott, University of Tennessee

RETROSPECTIVE EVALUATION OF SQUAMOUS CELL CARCINOMA IN NON-DOMESTIC FELIDS

Best Experimental Disease Poster

First Place: Amanda Loehr, Cornell University

DEVELOPMENT OF A HEART-ADAPTED TRANSFER LEARNING AI ALGORITHM FOR LESION DETECTION IN RAT SKELETAL MUSCLE

Second Place (tie): Madison Toonder, University of Florida

ASSESSMENT OF DECALCIFICATION SOLUTIONS ON CELLULAR MORPHOLOGY AND IMMUNOSTAINING OF MOUSE BONES

Second Place (tie): Maria Stenkamp, University of Texas MD Anderson Cancer Center

RAT HEPATOCELLULAR CARCINOMA MODEL FOR INVESTIGATING MOLECULAR PHENOTYPES ASSOCIATED WITH TUMOR STIFFNESS

Best Natural Disease Poster

First Place: Sara Tonissen, The Ohio State University

HISTOLOGIC CHARACTERIZATION OF BROOD X CICADAS

Second Place: Hunter Wojtas, Michigan State University

RETROSPECTIVE ANALYSIS OF RATTLESNAKE MORTALITY FROM 1983-2023

Third Place: Amanda Blublaugh, University of Georgia

SIMILARITIES IN GENE EXPRESSION INCLUDING SPEARMAN CORRELATION DISPLAYS RESEMBLANCE OF SPONTANEOUS CANINE ATOPIC DERMATITIS TO HUMAN ATOPIC DERMATITIS