



Congratulations to the 2022 ACVP Annual Meeting abstract award winners:

### **Young Investigators Award**

#### **Diagnostic Pathology**

First Place: Emily King, The Ohio State University

EVALUATION OF SOX-10 IMMUNOHISTOCHEMICAL EXPRESSION IN CANINE MELANOMA AND NON-MELANOCYTIC TUMORS BY TISSUE MICROARRAY (TMA)

Second Place: Sydney Bork, Colorado State University

DETECTION OF STAT5B MUTATION IN FELINE SMALL CELL T CELL INTESTINAL LYMPHOMA WITH DROPLET-DIGITAL PCR ANALYSIS (DDPCR)

Third Place: Mayane Faccin, Federal University of Paraná

MYOSIN HEAVY CHAIN MYOPATHY IN TWO QUARTER HORSES

#### **Experimental Disease**

First Place: Sarah Linn, The Ohio State University

ASSESSMENT OF MOUSE URINARY TRACT PATHOLOGY AND PATHOPHYSIOLOGY DURING EXPERIMENTAL UROPATHOGENIC ESCHERICHIA COLI INFECTION

Second Place: Shanny Hsuan Kuo, University of Illinois

PSEUDOMONAS AERUGINOSA VOLATILE ORGANIC COMPOUNDS CAUSE MUCUS HYPERSECRETION BY ACTIVATING AHR SIGNALING IN CHRONICALLY DISEASED LUNGS

Third Place: Nathan Crilly, Johns Hopkins School of Medicine

TRYPANOSOMA BRUCEI INVADES THE HEART AND CAUSES MYOCARDITIS IN A MURINE MODEL OF AFRICAN TRYPANOSOMIASIS

#### **Industrial and Toxicologic Pathology**

First Place: Mike Clayton, USDA

COMPARISON OF ACUTE DEHYDROPYRROLIZIDINE ALKALOID TOXICOSIS IN C57BL MICE GAVAGED WITH RIDDELLINE, RIDDELLINE N-OXIDE, SENECTIONINE, SENECTIONINE N-OXIDE, SENECEPHYLLINE, LASIOCARPINE OR HELIOTRINE

Second Place: Marina Carla Bezerra da Silva, University of Saskatchewan

HISTOPATHOLOGY AS A RISK ASSESSMENT TOOL FOR GONADOTOXICITY IN HONEY BEE DRONES

Third Place: Susan Smith, The Ohio State University

EVALUATION OF GENE TARGETED EDITING TO DISABLE THE ONCOGENIC RETROVIRUS HTLV-1 USING IN VITRO CELLULAR SCREENING AND IN VIVO NOG MICE MODELS

#### **Natural Disease**

First Place: Piaporn Eiamcharoen, University of California, Davis

CHARACTERIZATION OF FUNGAL CONIDIAL ADHERENCE TO EXTRACELLULAR MATRIX: ASSOCIATION WITH FUNGAL SECRETED PROTEASES AND IDENTIFICATION OF EXTRACELLULAR MATRIX BINDING PROTEINS IN BAT WHITE-NOSE SYNDROME

Second Place: Naomi Falconnier, Louisiana State University

CARYOSPORA-LIKE COCCIDIOSIS IN A CLUTCH OF RED-EARED SLIDER TURTLES (TRACHEMYS SCRIPTA ELEGANS)

Third Place: Valentina Stevenson, Virginia Tech

EXPRESSION OF IMMUNOINHIBITORY CHECKPOINT MOLECULES IN CANINE SOFT TISSUE SARCOMA

**Society of Toxicologic Pathology Resident and Student Travel Award**

Winner: Amy Flis, National Cancer Institute

INVESTIGATING THE INTERACTIONS OF DOPAMINE RECEPTOR D1 IN LUNG CANCER

**Pathology of Wildlife and Zoo Animals Travel Award**

Winner: Weerapong Laovechprasit, University of Georgia

A NOVEL CHUVIRUS CAUSING MENINGOENCEPHALITIS IN ALLIGATOR SNAPPING TURTLE, THE FIRST IN-SITU EVIDENCE OF CHUVIRAL DISEASE IN VETERBRATE

**ACVP/AAVLD Diagnostic Pathology Travel Award**

Winner: Carmen Smith, Cornell University College of Veterinary Medicine

IN SITU HYBRIDIZATION FOR ESCHERICHIA COLI IN CANINE GRANULOMATOUS COLITIS

**Veterinary Student Poster Awards**

**Best Diagnostic Pathology Poster**

First Place: Rachel Moore, Atlantic Veterinary College

MALIGNANT CATARRHAL FEVER IN A POT BELLIED PIG

Second Place: Vivian Lee, Cornell University

DERMATOPATHY IN A STRANDED MALE YEARLING NORTHERN ELEPHANT SEAL (MIROUNGA ANGUSTIROSTRIS)

Third Place: Elizabeth Kyle-LaBelle, Mississippi State University

MULTISYSTEMIC LISTERIOSIS IN A SUGAR GLIDER

**Best Experimental Disease Poster**

First Place: Hannah Reichert, Tufts University

TRANSGENIC L2-IL-1 $\beta$  MICE ARE PROTECTED AGAINST LIVER INFLAMMATION AND STEATOSIS CAUSED BY LIEBER-DECARLI CONTROL AND ETHANOL LIQUID DIETS

Second Place: Andrea Mueller Slay, University of Georgia

INFECTIOUS BRONCHITIS DMV/1639 AND FALSE LAYER SYNDROME

Third Place: Jingyi Li, Tufts University

ASSESSING SEX-BASED DIFFERENCES IN THE CENTRAL NERVOUS SYSTEM OF SIV INFECTED ART-SUPPRESSED MACAQUES

**Best Natural Disease Poster**

First Place: Sara Jayne Wint, University of Georgia

INVESTIGATION OF RETROVIRAL-INDUCED LYMPHOID PROLIFERATION IN WILD TURKEYS USING RNASCOPE

Second Place: Shannon Cook, University of California, Davis

IRON OVERLOAD IN CAPTIVE AMARGOSA VOLES (MICROTUS CALIFORNICUS SCIRPENSIS)

Third Place: Mary Nowak, Purdue University

PROGNOSTIC POTENTIAL OF MICRORNAS IN CANINE SPLENIC HEMANGIOSARCOMA