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Stephanie Anderson, Tatiane Terumi Negrão Watanabe
North Carolina State University College of Veterinary Medicine, Raleigh, NC, USA

SP-3
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Trevor Arunsiripate, Pablo Piñeyro, Eric Burrough
Iowa State University, Ames, IA, USA

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Cassandra Barber, Santiago Cornejo, Daryll Vanover, Hannah Peck, Phillip Santangelo, Amelia Woolums
1Mississippi State University, Starkville, MS, USA, 2Emory University School of Medicine and Georgia Institute of Technology, Atlanta, GA, USA

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Katherine Bauer, Cesar Piedra-Mora, Samuel Jennings
1Tufts Cummings School of Veterinary Medicine, North Grafton, MA, USA, 2Zoetis Reference Labs, San Diego, CA, USA

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Bayla Bessemer, Jayne Ellis, Roger Maes, Annabel Wise, Dodd Sledge
Michigan State University, Lansing, MI, USA

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Andrew Brown, Rebecca Bacon, Christine Gremillion, Gwendolyn Levine, Andres Rivera-Velez, Aline Rodrigues Hoffmann

SP-7
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Brandele Brown¹, Ivanna Kozii¹, Sarah Wood¹, Jenna Thebeau¹, Michael Zabrodski¹, Allyssa Cloet¹, Lara Reitsma¹, Mateo Castano Ospina¹, Fatima Masood¹, Sarah Bigansi¹, Igor Moshynsky¹, Meghan Milbrath², Patricia Wolf Veiga³, Marta Guarna⁴, Eric Gerbrandt⁵, Elemir Simko¹
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LEIOMYOSARCOMA IN THE RIGHT-WING OF A BUDGERIGAR (MELOPSITTACUS UNDULATUS)
Caitlyn Burke, Samantha Hughes, Matthew Williams, Timothy Morgan
Mississippi State University College of Veterinary Medicine, Starkville, MS, USA

MYCOPLASMA BOVIS MENINGITIS VIA VESTIBULOCOCHLEAR NERVE IN A HEIFER
DeLenn Burrows, Melanie Iverson, Jeffrey Rau, Jeff Caswell
University of Guelph, Guelph, ON, Canada

EFFECT OF SALINE REPLACEMENT ON HEMOGLOBIN AND MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATIONS IN LIPEMIC CANINE BLOOD SAMPLES
Andrew Cohen, Noel Clancey, Shelley Burton, Nicole Bishop
University of Prince Edward Island, Charlottetown, PE, Canada

MULTIFOCAL FUNGAL OSTEOMYELITIS CAUSED BY TALAROMYCES SPP IN A DOG
Lauren Bynum, Gwendolyn Levine, Lindsey Gilmour, Clark Broughton, Karen Russell, Beth Boudreau, Stephanie Lovell, Sara Lawhon
Texas A&M University College of Veterinary Medicine, College Station, TX, USA

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Diana Choi¹, Gillian Beamer¹, Lindsey Smith²
¹Cummings School of Veterinary Medicine, Tufts University, North Grafton, MA, USA, ²Aiforia, Cambridge, MA, USA

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Billie Ciotti¹, Emma Borkowski², Marvin Firth², Bemedetta Amato², Nicola Parry²
¹Midwestern University, Glendale, AZ, USA, ²University of Surrey, Guildford, United Kingdom

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Allyssa Cloet¹, Jenna Thebeau¹, Sarah Wood¹, Ivanna Kozi³, Micheal Zabrodski¹, Sara Biganski¹, Brandele Brown¹, Lara Reitsma¹, Mateo Castano Ospina¹, Igor Moshynskyi¹, Fatima Masood¹, Marta Guarna², Meghan Milbraith³, Patricia Wolf Veiga⁴, Eric Gerbrandt⁵, Anthony Ruzzini¹, Elemir Simko¹
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Allysa Cole, Jillian Athey, Leyi Wang, Jonathan Samuelson
University of Illinois, Urbana, IL, USA

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Allysa Cole¹, Miranda Wilkes², Ashley Joritz², Lindsay Getkin², Christopher Pinelli², Katherine Gibson-Corley²
¹University of Illinois, Urbana, IL, USA, ²Vanderbilt University Medical Center, Nashville, TN, USA

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Megan Crawford¹, Anneke Moresco², Monica McDonald³, Dalen Agnew¹,²
¹Michigan State University, East Lansing, MI, USA, ²Reproductive Health Surveillance Program, Morrison, CO, USA, ³Reproductive Management Center, St. Louis, MO, USA

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Ashley Cubb, Lucien Vallone, Micheal Deveau, Christian Stocks
Texas A&M University, College Station, TX, USA

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University of Georgia, Athens, GA, USA

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North Carolina State University College of Veterinary Medicine, Raleigh, NC, USA

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Abby English, Rabindranath De La Fuente, Claudia Baumann, Simon Platt
University of Georgia College of Veterinary Medicine, Athens, GA, USA

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Joseph Evans, Kayla Alexander, Alicia Olivier, Alison Lee, Alyssa Sullivant
Mississippi State University – College of Veterinary Medicine
Starkville, MS, USA

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Rachael Feeney, Kaylin McNulty, Alicia Olivier
Mississippi State University, Mississippi State, MS, USA

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Emma Ferraro
North Carolina State University College of Veterinary Medicine, Raleigh, NC, USA

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Nora Gardner, Andrea Peda, Pompei Bolfa
Ross University School of Veterinary Medicine, Basseterre, Saint Kitts and Nevis

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Adrianne Glaser, Abigail Cox, Preeti Sivasankar
Purdue University, West Lafayette, IN, USA

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Joao Cavasin\textsuperscript{1,2}, Alexandra Myers\textsuperscript{1}, Aline Rodrigues Hoffmann\textsuperscript{1}, Nicole Glenn\textsuperscript{1}
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Taylor Godwin\textsuperscript{1,2}, Angelo De Marzo\textsuperscript{1,3,4}, Karen Sfanos\textsuperscript{1,3,4}, Janielle Maynard\textsuperscript{1,3}
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Zaira Gomez, Citlalli Soltero-Ruelas, Spring Halland, Ana Alcaraz
Western University of Health Sciences, Pomona, CA, USA

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North Carolina State University,, Raleigh, NC, USA

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Camille Gonzalez Cordova1, Joanna Lodzinska2, Adrian W. Philbey3, Ana Fernandez Gallego4, Paola Cazzini3
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Darian Gordon, Teresa Southard
Cornell University College of Veterinary Medicine, Ithaca, NY, USA

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Elizabeth Green, Renata Mammone, Elizabeth Curtis, Fred Williams III, Gayle Johnson
University of Missouri, Columbia, MO, USA

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Kali Griffith1, Frane Banovic2, Elizabeth Howerth1
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Cathy Gu1, Fernanda Ampuero1, Alex Leacy1, Ziyad Elgamal1, Phuc Pham1, Eva Nagy1, Brandon Lillie1, Pauline Delnatte2, Leonardo Susta1
1Ontario Veterinary College, Guelph, ON, Canada, 2Toronto Zoo, Toronto, ON, Canada

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Bridgette Gunn, Caryn Plummer, Paoul Martinez, Bryce Miller, Stephanie Hew, Serena Craft
University of Florida College of Veterinary Medicine, Gainesville, FL, USA

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Colorado State University, Fort Collins, CO, USA

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University of Illinois Urbana-Champaign, Urbana, IL, USA

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Taylor Hanson¹, Kara De New², Joan Coates², Joseph Kowal², Elizabeth Easley², Gayle
Johnson², Saundra Sample²
¹The University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA, USA, ²The
University of Missouri College of Veterinary Medicine, Columbia, MO, USA

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Purdue University, West Lafayette, IN, USA

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Christopher Mariani, Luke Borst
North Carolina State University, Raleigh, NC, USA

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Jennifer Hu, Samantha Hughes, Timothy Morgan
Mississippi State University College of Veterinary Medicine, Starkville, MS, USA

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Taylor Krupp\textsuperscript{1}, Rosalie Ierardi\textsuperscript{2}, Joan Coates\textsuperscript{3}, Jeffrey Bryan\textsuperscript{3}, Angela Royal\textsuperscript{2}, Saundra Sample\textsuperscript{2}
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Hilary Ann Lakin\textsuperscript{1}, Hannah Tavalire\textsuperscript{2}
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Emma Li, Dubraska Diaz-Campos, Samantha Evans
The Ohio State University College of Veterinary Medicine, Columbus, OH, USA

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Mississippi State University College of Veterinary Medicine, Starkville, MS, USA

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Samuel Neal\textsuperscript{1}, Jogile Kuklyte\textsuperscript{2}, Daniel Sammon\textsuperscript{2}, Liza Bau-Gaudreault\textsuperscript{3}, Frederic Almy\textsuperscript{1}, Daniel Rudmann\textsuperscript{1}
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Fernanda Barthelson Carvalho de Moura¹, Noeme Sousa Rocha¹, Carlos Eduardo Fonseca Alves¹², Pedro Enrique Navas Suárez³, José Luiz Catão Dias³, Karin Werther⁴, Tatiane Terumi Negrao Watanabe⁵
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Daniel Mejia, Christopher Gaudette, Janine Hertzka, Holly Roessner, Jennifer Ruff, Tatiane Terumi Negrao Watanabe
North Carolina State University, Raleigh, NC, USA

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Maria Papapetrou¹, Luis Arroyo¹, Yannick Brüggemann², Daniel Todt², Eike Steinmann², John Baird¹, Brandon Lillie¹
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SP-60
OLFACTORY NEUROBLASTOMA WITH WIDESPREAD METASTASIS
Abigail Paslidis, Kaitlan Hovis, Gayle Johnson, Saundra Sample
University of Missouri College of Veterinary Medicine, Columbia, MO, USA

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A RETROSPECTIVE STUDY ON THE CAUSES OF MORTALITY OF CHELONIANS IN THE SOUTHEASTERN USA (1976-2018)
Cassidy Pike¹,²,³, Nicole Nemeth¹,², Michael Yabsley¹,³, Sonia Hernandez¹,³
¹Southeastern Cooperative Wildlife Disease Study, Athens, GA, USA, ²University of Georgia College of Veterinary Medicine, Department of Pathology, Athens, GA, USA, ³Warnell School of Forestry and Natural Resources, Athens, GA, USA

SP-63
PRIMARY FELINE BILIARY CARCINOID MIMICKING AN INTERMEDIATE-CELL LYMPHOMA ON CYTOLOGY
Alene Pohly, Lauren Carvalho, Adam Powers, Shelley Hahn, Francisco Conrado
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MASSIVE BEE ENVENOMATION IN A KANGAROO (MACROPUS SP.)
Dora Praczko¹, Josue Diaz-Delgado², Gabriel Gomez², Brian Porter³
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PUTATIVE PERILLA FRUTESCENS (L.) BRITTON TOXICITY IN AN ADULT GOAT
Maria Quinones¹, Danielle Meritet², Christiane Lohr¹
¹Oregon State University, Corvallis, OR, USA, ²North Carolina State, Raleigh, NC, USA

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Ariana Rahman¹, Francisco Uzal², Anna Hassebroek¹, Francisco Carvallo¹
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SEVERE UNILATERAL CARBONATE-CALCIUM NEPHROLITHIASIS IN A HORSE
Erica Ramaker, Ryan Walker, Kimberly Hallowell, Megan Burke, Tatiane Terumi Negrao Watanabe

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FARM ANIMAL FORENSIC INVESTIGATION: BAA-KING UP THE WRONG TREE?
Amy Richardson¹, Emma Borkowski², Marvin Firth², Nicola Parry²
¹University of Liverpool, Liverpool, United Kingdom, ²University of Surrey, Guildford, United Kingdom

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Declan Ryan¹, Simon Deycmar², Brendan Johnson², Gregory Dugan², David Caudell², Shane Sills², Mark Cline²
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Varvara Semenova, Sai Fingerhood, Eunju (April) Choi
University of California, Davis, CA, USA

SP-72
A CASE OF FELINE NEUROTROPIC LYMPHOMA
Citlalli Soltero-Ruelas, Alexandra Lopez de Victoria, Ana Alcaraz
Western University of Health Sciences, Pomona, CA, USA

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Jaclyn Soulas¹, Kevin Woolard², Molly Church¹
¹University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA, USA, ²University of California-Davis School of Veterinary Medicine, Davis, CA, USA

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Jason Sousa¹, Erin Edwards², Robin Gilbert³
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THE EFFECT OF EQUINE (EQUUS CABALLUS) SUPPORTING LIMB LAMINITIS ON HOOF LAMELLAR INTERLEUKIN-17 AND CD3 EXPRESSION
Miranda Starr1, Julie Engiles1,2, Andrew van Eps1, Hannah Galantino-Homer1
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Brianna Stoyle, Samantha Darling, Kevin Woolard
School of Veterinary Medicine, University of California, Davis, CA, USA

SP-78
OPTIMIZING THE DETECTION OF PERSISTENT AMDOPARVOVIRUS INFECTIONS IN ZOO-HOUSED RED PANDAS (AILURUS FULGENS)
Eric Stubbs, Charles Alex, Kenneth Jackson, Patricia Pesavento
University of California, Davis, Davis, CA, USA

SP-79
LUNG HISTOPATHOLGY OF NEUTROPHIL DEPELETED MICE IN A PNEUMOCOCCAL PNEUMONIA MODEL
Adrianna Szostek, Aaron Gingerich, Elizabeth Howerth, Jarrod Mousa
University of Georgia, Athens, GA, USA

SP-80
RESPIRATORY DISEASE IN A RABBIT (ORYCTOLAGUS CUNICULUS)
Danny Tapia, Ebony Gilbreath, Steven Walker, Megan Colburn, Ida Phillips
Tuskegee University College of Veterinary Medicine, Tuskegee, AL, USA

SP-81
EXTRAMEDULLARY HEMATOPOIESIS IN THE CEREBROSPINAL FLUID OF A YORKSHIRE TERRIER
Sarah Timko, Laura Cagle, Sarah Beatty
University of Florida, Gainesville, FL, USA

SP-83
NRP2 SIGNALING IN MALIGNANT PERIPHERAL NERVE SHEATH TUMORS
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MYCOBACTERIUM ULCERANS ECOVAR LIFLANDII IN PET DWARF AFRICAN CLAWED FROGS (HYMENOCHIRUS SPP.)

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