

Kenneth James Salleng, DVM, CPIA, DACLAM

Education:

- Berea College: B.A., Agriculture, May 1987
- University of Missouri-Columbia: College of Veterinary Medicine, DVM, May 1992
- Wake Forest University: Laboratory Animal Pathology Residency 1997-1998
- Wake Forest University: Post-Doctoral Fellowship in Pathology 1998-2000

Licensure and Certification:

- Kentucky Veterinary Medical License: 1992-present (License number 145129)
- North Carolina Veterinary Medical License: 1996-present (License number 4111)
- Diplomate, American College of Laboratory Animal Medicine: 2016
- Certified Professional IACUC Administrator Certification: 2011 to 2021
- Eligible to apply for the American College of Veterinary Pathologists Pre-Certification Exam

Academic Appointments:

- **Assistant Professor**, Department of Comparative Medicine, East Carolina University, Greenville NC (2000 to 2005)
- **Assistant Professor**, Department of Pathology, Microbiology and Immunology/Comparative Medicine, Vanderbilt University Medical Center, Nashville, TN (2006 to 2018)
- **Associate Professor**, Department of Pathology, Microbiology and Immunology/Comparative Medicine, Vanderbilt University Medical Center, Nashville, TN (2018-present)

Employment:

- **Staff Veterinarian**
 - Midway Animal Hospital, Somerset, KY 1992 - 1993
- **Veterinary Pathology Intern**
 - Livestock Disease Diagnostic Center, Lexington, KY 1993 - 1994
- **Staff Veterinarian**
 - Cumberland Valley Animal Hospital, London, KY 1994 - 1996
- **Staff Veterinarian**
 - Mt. Tabor Animal Hospital, Winston-Salem, NC 1996 - 1997
- **Resident in Veterinary Pathology and Post-Doctoral Fellow**
 - Department of Pathology, Section on Comparative Medicine, Wake Forest University 1997 - 2000
- **Chief of Veterinary Pathology Section**
 - Department of Comparative Medicine
East Carolina University 2000 - 2005
- **University Veterinarian and Attending Veterinarian**
 - East Carolina University 2004 - 2005
- **Interim Chairman of the Department of Comparative Medicine**
 - East Carolina University 2004 - 2006
- **Associate Director, Division of Animal Care**
 - Vanderbilt University 2006 - 2009
- **Interim Director, Office of Animal Welfare Assurance**
 - Vanderbilt University 2009 - 2011
- **Director, Office of Animal Welfare Assurance**
 - Vanderbilt University 2011 to 2013
- **Clinical Veterinarian, Division of Animal Care**

- Vanderbilt University Medical Center July 2013 to Dec 2019
 - Provision of anatomic and microscopic pathology services for all animal species housed at Vanderbilt
 - Provision of clinical care to all animal species housed at Vanderbilt University
 - Direct veterinary oversight of the Preston Research Building, Engineering Science Building and the Veterans Administration (VA) Animal Facilities
 - Service to all other animal facilities (including USDA species) during weekends, holidays and vacation time for other veterinarians
 - Protocol preparation and review for Vanderbilt University and the VA
 - Continued development of an internal electronic protocol management system
- **Director, Veterinary Care**
 - Florida Atlantic University January 6, 2020- August 2024

Professional Organizations:

- American College of Laboratory Animal Medicine (2016-present)
- American Association for Laboratory Animal Science (2000-present)
- American Society of Laboratory Animal Practitioners (2000-present—various years)
- American Veterinary Medical Association (1992-present)
- Appalachian Branch of the American Association for Laboratory Animal Science—(2008-present; President—2010; 2018)
- Florida Branch of the American Association for Laboratory Animal Science – 2020-2024

Special Honors and Awards

- East Carolina University-Health Sciences Faculty Author Recognition Award 2005
- Best Veterinarians in the USA 2006
- Who's Who In Veterinary Medicine 2007

Professional Activities: Committee Service

East Carolina University

University Committee Service

- Institutional Animal Care and Use Committee (2004-2006)
- Health Sciences Divisional Planning Retreat
 - University of North Carolina Leadership Institute's Developmental Workshop for Chairs (2005)

School of Medicine Committee Service

- Quality Outcomes and Strategic Initiatives (2001-2003)
- Basic Science Chairs Committee (2004-2006)
- Research Ethics Oversight Committee (2004-2005)
- Brody Council (2004-2006)
- Research Regulatory Affairs Working Group (2004-2006)

Vanderbilt University

University Committee Service

- Institutional Animal Care and Use Committee (member 2006-2013; 2016-present)
 - Subcommittee: SOP, Policies and Guidelines Subcommittee (2011-2013)
 - Subcommittee: Satellite Facilities (2011-2013)
 - Subcommittee: Training (2010-2013)
 - Subcommittee: Designated Review and Surveillance Committee (DRASC) (2006-2008)
 - Subcommittee: Disaster Plan (2010, 2011)
 - Subcommittee: Visitor Requirements (2011-2012)

- Institutional Biosafety Committee (IBC) (2013-2016)(Split into Vanderbilt University Medical Center IBC and Vanderbilt University IBC as of 2016—Service on both beginning in 2016 to present; Alternate voting member as of 2018)
- Animal Research Information Enterprise Suite (ARIES) Steering Committee (2010-2014)
- ARIES Project Committee (2010 to present)
- ARIES Requirements Review Committee (2010-2015)
- Research Compliance Working Group (2011-2013)
- Mentoring Committees for Department of Comparative Medicine Faculty Instructors
 - Dr. Troy Apple (2011-2016) Chair
 - Dr. Yasin Kokoye (2011-2016)
 - Dr. Scott Bury (2018) Chair

Departmental Committee Service

- Rodent Barrier Facility Advisory Task Force (2010-2013; 2016-present)
- DAC and Neurobehavioral Partnering Committee (2010-2013)
- Specific Pathogen Free (SPF) Barrier Facility Design Committee
- Vanderbilt Division of Animal Care Communications Committee (2010 to 2018)
- Vanderbilt University SPF Rodent Barrier Facility Task Force (2008 to 2018)
- Division of Animal Care Executive Committee (2007-2010)
- Animal Care and Use Program (ACUP) Leadership Committee (2007 -2013)
- Large Animal Advisory Committee (2007-2013)
- Small Animal Advisory Committee (2006-2013)
- Zebrafish Advisory Committee (2010-2013)
- Animal Care and Use Program (ACUP) Strategic Planning Committee (2010-2013)
- Division of Animal Care (DAC) Executive Committee (2006-2010)
- DAC/VEHS/OAWA Partnership Meeting (2010-2013)
- Office of Animal Welfare Assurance (OAWA) Strategic Planning Subcommittee (2010-2013)
- Animal Care and Use Committee Training Subcommittee (Co-chair 2009-2010)
- ACUP IT Committee (2011-2013)
- Severely Immunocompromised Mouse Task Force (2018)
- Engineering Science Building Advisory Committee (2017- present)

Electronic Application System Development

- Research Animal Transfer System (RATS) development and implementation
- Animal Research Information Enterprise Suite (ARIES) –Electronic protocol management system developed internally for submission, review, maintenance and approval of IACUC animal use protocols.

Facility Design

- Rodent Neurobehavioral Core Facility—Two distinct facilities (Mouse and Rat) designed to facilitate high census with housing in individually ventilated caging systems.
- Specific Pathogen Free (SPF) Mouse Barrier Facility—Designed a facility to be a high-density mouse housing facility via ventilated caging with secured and controlled access

Florida Atlantic University

University Committee Service

- MRI Safety Committee-Alternate member
- Institutional Animal Care and Use Committee (2019-present-Alternate for Attending Veterinarian; 2022-Member)
 - Subcommittee Service
 - IACUC Subcommittee for Satellite Facilities
 - IACUC Subcommittee for Training

American College of Laboratory Animal Medicine

Committee Service

- Outreach Committee 2016-Present
 - 2017-2018 Vice Chair
 - 2018-2019 Chair

Teaching Activities:
East Carolina University

University Courses

- **Introduction to Surgery Lab**— Medical Student---two, 4 hour lab on sutures, surgical hand ties and suture patterns, followed by 4 hour wet lab using a pig model for exploratory laparotomy, chest tube placement and pericardiocentesis. (Two courses annually, 2000-2005)
- **Introduction to Surgery Lab**— Physician's Assistant---two, 4 hour lab on sutures, hand ties and suture patterns, followed by 4 hour wet lab using a pig model for exploratory laparotomy, chest tube placement and pericardiocentesis. (Two courses annually, 2003-2005)
- **PATH 6001/6002-Pathology**--Medical Student (2nd year) Pathology Lab-Teaching included presentations and discussions on pathology of the human body in a year-long course. (Weekly 2 hour laboratory sessions—2001-2005)
- **PTHE 6416-Histopathology of Wound Healing**-Provided 2 hour lecture on general Histological changes seen in healing of skin. (2001)
- **CMED 6100-Animal Research Methods**: Provided various lectures and laboratories in this semester long course (2001-2005) and served as Course Coordinator 2004-2005). Lecture topics provided included:
 - Introduction to Pathology
 - Animal Models of Human Disease
 - Disease and its Effects Upon Research
 - Veterinary Pathologic Interpretation for Research Projects

Departmental Courses

- **Introduction to Animal Handling**—Rodent handling and basic procedures lab (monthly 2 hour lab session 2000-2005)
- **Introduction to Rodent Surgery** (Lecture and Laboratory)—1.5 hour lecture followed by 2 hour lab which included anesthesia, aseptic surgery, unilateral nephrectomy and tissue handling (monthly 2000-2005).
- **AALAS Laboratory Animal Technician courses** (ALAT, LAT and LATG)
 - Regulations in Animal Research
 - Introduction to Health and Disease
 - Mouse Biology and Disease
 - Rat Biology and Disease
 - Ferret Biology and Disease
 - Miscellaneous Animals-Biology and Disease
 - Introduction to Anatomy and Physiology
 - Nonhuman Primate Biology and Disease
 - Avian Biology and Disease

Vanderbilt University

University Courses

- **BIO 336 (BCHM-GS 8336) Biochemical Molecular Toxicology and Carcinogenesis**-one hour lecture on "Regulations of Animals used in Research" (July 2012)
- **PATH 351 (PATH-GS 8352) Cellular and Molecular Basis of Disease**- Ethics and Regulations (45 minute lecture) (4/18/11, 4/10/13, 4/07/14); Journal Club (1.5 hours) (4/25/11, 4/17/13, 4/16/14)

National courses/trainings held at Vanderbilt University

- **An Organ Systems Approach to Experimental Targeting of the Metabolic Syndrome**—Gave 1 hour lecture “Working with Animals and the Role of the Institutional Animal Care and Use Committee” (2010-2012)
- **O’Brien Kidney Physiology and Disease Center Workshop**—Developed training materials for mouse techniques, handling, surgery and euthanasia workshop. Provided lectures on “Mouse Techniques” and “Mouse Anesthesia and Surgery” and hands-on instruction for various techniques including aseptic surgery. (2011-2014)
- **Developed Curriculum for Aseptic Survival Surgery Course to include online portion with videos and hands-on portion** (2018-2019).

Departmental Courses-Laboratory Animal Medicine Veterinary Residency Training Program

- **Regulations** (Course Director and Lecturer)
 - The Animal Welfare Act-Part 1
 - The Animal Welfare Act-Part 2
 - The Animal Welfare Act-Part 3
 - *The Guide for the Care and Use of Laboratory Animals* Parts 1 and 2
 - *The Guide for the Care and Use of Laboratory Animals* Part 3
 - *The Guide for the Care and Use of Laboratory Animals* Part 4
 - *The Guide for the Care and Use of Laboratory Animals* Part 5
 - American Veterinary Medical Association Guidelines on Euthanasia
 - USDA Policies
 - Regulations-Mock Examination and Discussion
 - Regulations-Chapter 2 Laws, Regulations and Policies
- **Animal Models of Human Disease**
 - Cancer in Large Animal Models
 - Animal Models of Cancer
- **Laboratory Animal Disease, Medicine and Biology**
 - Biology and Disease of Reptiles
 - Biology and Disease of Amphibians
 - Biology and Disease of Ferrets
 - Biology and Disease of Rats
 - Biology and Disease of Rabbits
- **Pathology Rounds** (Monthly)
- **Resident Case Rounds** (Every other week-Co-Director)
- **Journal Club** (Monthly)
- **Literature Review** (Monthly review and presentation of current literature in laboratory animal medicine journals)

Departmental Courses-Researcher Training

- **Aseptic Survival Surgical Training (Multiple sessions)**
- **Herpes B Training**

Departmental Training-IACUC Members

- **Protocol Review Training** (three sessions, 1 hour each)

Departmental Courses-Internal Training Program

- **Herpes B Training**
- **Recognizing Pain and Distress in Laboratory Animals ARIES Electronic Protocol Management System—Protocol Review Training**

Departmental Courses-Externs

- **Introduction to Protocol Review**

- **Working with Animals in Research**

Columbia State Community College Veterinary Technician Program

2007-2009

- Served as site coordinator for the Division of Animal Care
- Provided various lectures on Laboratory Animal Medicine
 - Introduction to Working with Laboratory Animals
 - Introduction to Laboratory Animal Regulations
 - Laboratory Animal Handling, Restraint and Blood Collection

Teaching Activities:

Florida Atlantic University

Comparative Medicine Training for Staff

- Common Rodent Diseases

Comparative Medicine Training for Researchers

- Hands on Rat Handling
- Hands on Mouse Handling
- Aseptic Surgery Techniques
- Developed a Bird Training 3-part series for Bird Users

Comparative Medicine Brown Bag Lunch Series for rodent users

- Coordinator and Presenter
 - Introduction to Aseptic Surgery
 - Anesthetics and Analgesics
 - Surgical Technique
 - Understanding Excluded Pathogens
 - Housing
 - Factors affecting research
 - Sentinel Health Monitoring
 - Import and Export

AALAS Laboratory Animal Technician courses—(ALAT)

- Course Director and Presenter

Invited Speaker/Participant

- Singapore Laboratory Animal Science Association National Educational Meeting November, 2017. "Unusual Laboratory Animal Species"
- Singapore Laboratory Animal Science Association National Educational Meeting November, 2017. Poster Judge
- NABR Meeting of the Minds 2012
- Charles River Quarantine Roundtable - National AALAS Meeting- October 12, 2010
- Tennessee State Veterinary Technician Annual Conference - Veterinary Pathology as an Aide to Diagnosis in Traditional and Non-traditional Species Gatlinburg, TN - October 13 and 14, 2007
- Panel Participant and Lecturer "Writing the Perfect Protocol" IACUC Advanced, Research Triangle Park, NC September 19, 2005
- Reviewer HBOI License Plate Grant Awards—2022-2023

Editorial Review Work

- Invitation to Review Manuscripts:
 - Institute for Laboratory Animal Research
 - World Journal of Gastroenterology (2016)
 - Pediatric Transplantation (2016)
 - Acta Histochemica (2017)
 - OncoTargets and Therapy (2017)
 - Journal of Current Biomarker Findings (2017)
 - Cancer Science: Open Access (2017)
 - OncoTargets and Therapy (2018)
 - Cancer Biomarkers (2018)

Training Development:

Departmental Development of Training Modules (ARIES Protocol Management System) (Each Module developed into a single video linked within the system that users can access instructing them on how to use the system)

- ARIES: Introduction to Using ARIES
- ARIES: Using the Dashboard
- ARIES: New Protocol-Protocol Information Tab
- ARIES: New Protocol-Protocol Collections
- ARIES: New Protocol-Justification and Literature Search
- ARIES: New Protocol-Adding Species
- ARIES: New Protocol-Overview, Enrichment and Animal Number Justification
- ARIES: New Protocol-Substance Collection
- ARIES: New Protocol-Adding Procedures
- ARIES: New Protocol-Bundling Surgical Procedures
- ARIES: New Protocol-Procedure Summary Tables

Aseptic Survival Surgery and Suturing Techniques: Developed both an online learning system as well as a hands-on course. Course includes videos and active learning.

Mentoring Activities:

Externs (including final project):

- **Dr. Laura Wilding**--Comparison of Post Process Review Findings in Protocols undergoing Full Committee Review versus Designated Member Review (2013)
- **Katherine Guerriero**--Choice of Rodent Nesting and Bedding Materials (2016)
- **Briony Smith** (in conjunction with Drs. Yasin Kokoye and Yasmina Paramastri) Water Quality in Static versus Recirculating Frog Housing Systems (2014)
- **Leandra Mosca**—Clinical Approach to Increased Deaths of Mouse Pups (2018)

Provided instruction in animal regulations for additional externs:

- **Patrick Reilly** (2015)
- **Amanda Darbyshire** (2015)
- **David Andrews** (2016)

Veterinary Residents: Mentored residents in clinical medicine, veterinary pathology, protocol review and regulatory functions.

- **Dr. Victoria Keck**
- **Dr. Bryce Burton**
- **Dr. Carissa Jones**
- **Dr. Jennifer Hubbard**
- **Dr. Amanda Darbyshire**
- **Dr. Tai Oates**
- **Dr. Kelsey Finnie**—ACLAM Mentor

Administrative Activities:

Salleng CV – September 2016

East Carolina University

- Chief, Veterinary Pathology: Led the Anatomic and Clinical Pathology Laboratory dedicated to research and maintenance of the care of research animals. Provided interpretation of clinical pathology specimens as well as routine necropsy and histologic evaluation of animals. This included oversight of the sentinel health program which involved necropsy of all sentinel animals, internal parasitology, serology,
- Interim Chair, Department of Comparative Medicine

Vanderbilt University

- Associate Director, Division of Animal Care (oversight of five veterinarians, six veterinary technicians, one shipping coordinator and one environmental enrichment coordinator).
- Interim Director, Office of Animal Welfare Assurance
- Director, Office of Animal Welfare Assurance---While serving as both the Interim Director and the Director of OAWA, I oversaw an office of eleven individuals including one Assistant Director, one Veterinary Reviewer, three Protocol Analysts, two administrative personnel, two Post Approval Monitors, one Training Coordinator and one Systems Analyst.

Florida Atlantic University

- Associate Director, Veterinary Medicine ---Responsible for maintaining the health and well-being of all animals. Developed Sanitization Policy, Environmental Monitoring Program, oversee Animal Health Surveillance Program, perform routine necropsies and provide clinical information regarding the health of the animals to research staff.

Clinical Activities:

East Carolina University

Clinical Veterinary Medicine

- Ensure care including preventative medicine and emergency care to mice, rats, dogs, calves, ferrets, hamsters, grasshopper mice, marmosets, frogs (*Dendrobates spp*, and *Hyla spp*), macaques and zebra finches.

Pathology Service:

- Clinical Pathology
- Anatomic pathology

Vanderbilt University

Clinical Veterinary Medicine

- Provided clinical coverage for animals housed at the Veterans Administration Rodent Facility, Engineering Science Building, SPF Rodent Barrier Facility as well as Preston Research Building. Overall, care of animal species including mice, rats, zebrafish, frogs, cats, dogs, sheep, goats, ferrets, rabbits, naked mole rats, arctic ground squirrels, electric eels, alligators, tentacle snakes, moles, voles, etc...

Pathology Service

Protocol Consultation and Review

Florida Atlantic University

- Provided clinical coverage for animals housed at various campus vivaria, species included: mice, rats, zebrafish, cavefish (*Astyanax mexicanus*) and zebra finches (*Taeniopygia guttata*).

Community Service:

- County Animal Response Team (CART) for Pitt County, NC 2003-2005
- North Carolina Associate for Biomedical Research Workshop 2003-2004
- North Carolina Association of Biomedical Research (NCABR) Rx for Science Literacy 2004
- Lecture and tours to numerous high school students regarding use of animals

- in biomedical research 2000-2006
- Owl's Hill Nature Sanctuary (TN) 2015-2016
 - Board of Directors
 - Veterinary Consultant 2013-present
- Planning Board for North Carolina Advanced IACUC Workshop presented by Scientist's Center for Animal Welfare (SCAW) 2005

Research Program:

- American Lung Association
 - Dr. Daniel Martin
 - Funded Research (2001)
 - Analysis of a Novel Legionella Virulence Factor, an Inducible Peptide Synthetase Required for Growth in Ameba
 - Role: Surgery and Veterinary Pathology
- Celleration, Inc
 - Dr. Theresa Conner-Kerr
 - Funded research (\$41,291) (2002-2003)
 - Comparison of Effectiveness of Mist Ultrasound Transport Therapy vs Pulsatile Lavage on Reducing Bacterial Numbers *in vivo* Using an Acute Surgical Pig Wound Model
 - Role: 10% Veterinary Pathology
- Encelle, Inc
 - Dr. Ken Salleng (\$9,759) (2004-2007)
 - Screening Evaluation for Biocompatibility and Tissue Response of New Biotech Materials in the Rat
 - Veterinary Care and Veterinary Pathology Review
- Juvenile Diabetes Research Foundation
 - Dr. Taylor Wang (2006)
 - Novel Capsule-Patches for Immunoprotection of Pancreatic Islets/Beta Cells in a Cynomolgus Macaque Model
 - Role: Veterinary Pathology
- National Cancer Institute
 - R01CA140409 (Michael Freeman--\$309,679) (2009-2014)
 - Development of Small Molecule Radiation Sensitizers
 - Role: Veterinary Oversight and Pathology
- Bill and Melinda Gates Foundation
 - Dr. David Cliffler (2010)
 - Funded Research--Subcontracted from Colorado University-Boulder
 - Nanocrystal Therapeutics for the Treatment of Multi-Drug Resistance
 - Role: Veterinary Pathology
- National Institute of Diabetes and Digestive and Kidney Disease
 - DK59637-11 (David Wasserman, \$600,000) (2009-2010)
 - Mouse Metabolic Phenotyping Center Core Grant
 - Role: Veterinary Consultant
- National Institute of Diabetes and Digestive and Kidney Disease
 - 1P30DK079341-O1A140443780811 (Raymond Harris, \$529,538) (2010-2012)
 - Vanderbilt O'Brien Mouse Kidney Center-Mouse Health and Pathology for Nephrology Phenotyping Core Grant
 - Role: Veterinary Oversight and Training
- VRL Kalter/Heberling Annual Diagnostic Research Grant Winner 2020 for "Identifying Naturally Occurring Diseases in Mexican Tetra (*Astyanax mexicanus*)"

Publications and Presentations:

Articles in Refereed Journals:

Ibdah JA, Paul H, Zhao Y, Binford S, **Salleng K**, Cline M, Matern D, Bennett MJ, Rinaldo P, Strauss AW. 2001. Lack of Mitochondrial Trifunctional Protein in Mice Causes Neonatal Hypoglycemia and Sudden Death. *J Clin Invest* **107(11)**: 1403-9.

Paramastri YA, Wallace JM, **Salleng KJ**, Wilkinson LM, Malarkey DE, Cline JM. 2002. Intracranial Lymphomas in Simian Retrovirus-Positive *Macaca fascicularis*. *Vet Pathol* **39 (3)**:39.

Barrueto F Jr, **Salleng K**, Sahni R, Brewer, KL. 2002. Histopathologic Effects of the Single Intramuscular Injection of Ketamine, Atropine and Midazolam in a Rat Model. *Vet Hum Toxicol* **44(5)**:306-310.

Bolotin G, Scott WW Jr, Austin TC, Charland PJ, Kypson AP, Nifong LW, **Salleng K**, Chitwood WR Jr. 2004. Robotic Skeletonizing of the Internal Thoracic Artery: Is it Safe? *Ann Thorac Surg* **77**: 1262-1265.

Van Scott MR, Hooker JL, Ehrmann D, Shibata Y, Kukoly C, **Salleng K**, Westergaard G, Sandrasagra A, Nyce J. 2004. Dust Mite Induced Asthma in Cynomolgus Monkeys. *J Appl Physiol* **96 (4)**: 1433-44.

van Brakel TJ, Bolotin G, **Salleng KJ**, Nifong LW, Allesie MA, Chitwood WR Jr, Maessen JG. Evaluation of Epicardial Ablation Lesions: Histology versus Electrophysiology. 2004. *Ann of Thorac Surg* **78**:1397-1402.

Van Scott MR, Aycock ED, Cozzi E, **Salleng KJ**, Stallings HW 3rd. 2005. Separation of Bronchoconstriction from Increased Ventilatory Drive in a Nonhuman Primate Model of Chronic Allergic Asthma. *J Appl Physiol* **99**: 2080-2086.

Wang T, Adcock J, Kuhlreiber W, Qiang D, **Salleng KJ**, Trenary I, Williams P. 2008. Successful Allotransplantation of Encapsulated Islets in Pancreatectomized Canines for Diabetic Management without the Use of Immunosuppression. *Transplantation* **85(3)**:331-337.

Sigounas G, **Salleng KJ**, Mehlhop P, Sigounas DG. 2008. Erythropoietin Ameliorates Chemotherapy-induced Fibrosis of the Lungs in a Preclinical Murine Model. *Int J Cancer* **122(12)**:2851-7.

Kokoye Y, **Salleng K**. Response to Protocol Review Scenario: Report Unexpected Pain. 2009. *Lab Anim(NY)* **38 (1)**:7.

Geng L, Rachakonda G, Morré DJ, Morre DM, Crooks PA, Sonar VN, Roti JL, Rogers BE, Greco S, Ye F, **Salleng KJ**, Sasi S, Freeman ML, Sekhar KR. 2009. Indolyl-quinuclidinols Inhibit ENOX Activity and Endothelial Cell Morphogenesis while enhancing Radiation-mediated Control of Tumor Vasculature. *FASEB J*. **23(9)**:2986-95.

Tatum R, Zhang Y, **Salleng K**, Lu Z, Lin JJ, Lu Q, Jeansonne BG, Ding L, Chen YH. 2010. Renal salt wasting and chronic dehydration in claudin 7-deficient mice. *Am J Physiol Renal Physiol*. **298(1)**:F24-34.

Guo Y, Tang K, Bilaceroglu S, Kalomenidis I, **Salleng KJ**, Lane KB, and Light RW. 2010. Iodopovidone is as effective as doxycycline in producing pleurodesis in rabbits. *Respirology*. **15(1)**:119-25.

Sekhar KR, Reddy YT, Reddy PN, Crooks PA, Venkateswaran A, McDonald WH, Geng L, Sasi s, Van Der Waal RP, Roti JL, **Salleng KJ**, Rachakonda G and ML Freeman. 2011. The novel entity YTR107 inhibits recruitment of nucleophosmin to sites of DNA damage suppressing repair of DNA double strand breaks and enhancing radiosensitization. *Clin Cancer Res*. **17 (20)**: 6490-9.

Kokoye Y, **Salleng K**. Holding protocol represents risk. 2012. *Lab Anim (NY)* **41(8)**:219-21.

Simpson CA, **Salleng KJ**, Cliffel DE, Feldheim DL. 2013. In vivo toxicity, biodistribution and clearance of glutathione-coated gold nanoparticles. *Nanomedicine* **9(2)**:257-63.

Salleng KJ, Revetta FL, Deane, NG, Washington MK. 2015. The Applicability of a Human Immunohistochemical Panel to Mouse Models of Hepatocellular Neoplasia. *Comp Med* **65(5)**:398-408.

Salleng KJ, Burton BJ, Apple TM, Sanchez S. 2016. Isolation of *Trueperella pyogenes* in a case of thoracic and abdominal abscess in a galago (*Otolemur garnettii*). *J Med Primatol* **45(4)**:198-201.

Jones CP, Burton BJ, Apple TM, Sanders M, Boyd KL, **Salleng KJ**. 2016. A Phyllodes-like mammary tumor in a breeding galago (*Otolemur garnettii*). *Comp Med*. **66(5)**:424-428.

Salleng KJ, Molnar D. Response to Protocol Review Scenario: More work upfront to avoid last minute problems. 2017. *Lab Anim (NY)* **46(5)**: 202-203.

Surdel MC, Horvath Jr DJ, Lojek LJ, Fullen AR, Fullen AR, Simpson J, Dutter BF, **Salleng KJ**, Ford JB, Jenkins JL, Nagarajan R, Teixeira PL, Albertolle M, Georgiev IS, Jansen DE, Sulikowski GA, Lacy DB, Dailey HA, Skaar EP. 2017. Antibacterial photosensitization through activation of coproporphyrinogen oxidase. *Proc Natl Acad Sci U S A*. Jul 24. Pii: 201700469. Doi: 10.1073/pnas.1700469114 (Epub ahead of print) PMID 28739897.

Salleng KJ, Jones CP, Boyd KL, Hicks DJ, Williams MM and Cook RS. 2018. *Staphylococcus xylosus* Cystitis and Struvite Urolithiasis in Nude Mice treated with Sustained Release Estrogen Pellets. *Comp Med*. **68(4)**:256-260.

Salleng KJ, Apple TM, Yu ENZ, Himmel LE. 2019. Spontaneous Pulmonary Adenocarcinoma and Subcutaneous Cavernous Hemangiomas Arising in a Squirrel Monkey (*Saimiri sciureus*). *J Med Primatol*. Dec:48(6):374-377.

Finnie KR, Jones CP, Dupont WD, **Salleng KJ**, Shuster KA. 2020. A Comparison of the Efficacy and Cardiopulmonary Effects of 3 Different Sedation Protocols in *Otolemur garnettii*. *J Am Assoc Lab Anim Sci*. Sep 1:59(5):557-566.

Ceyhan B, Nategh P, Neghabi M, LaMar JA, Konjalwar S, Rodriguez P, Hahn MK, Gross M, Grumbar G, **Salleng KJ**, Blakely RD, and Ranji M. 2024. Optical imaging demonstrates tissues specific metabolic perturbations in Mblac 1 knockout Mice. *IEEE Journal of Translational Engineering in Health and Engineering*. 12:298-305.

Accepted for publication: None Currently

Articles in Non-refereed Journals/Magazines

LC Gee, KL Jackson, **KJ Salleng**, Wallace JM. 2010. Refinement of Animal Husbandry Training Methods. *Canadian Association of Laboratory Animal Science Member's Magazine* **44(1)**:13-14.

The Shocking Lives of Electric Eels, LAS Pro. Darbyshire A, Chen P, **Salleng KJ**. March 2018.

Streptococcus thoraltensis: Commensal or Pathogen of Mice? LAS Pro. Darbyshire, A. Jones CP, Hubbard J, Boyd KL, Himmel LE and **Salleng KJ**. June 2019.

Presentations at Scientific Meetings:

Salleng KJ, Sulistiawati E, Jayo MJ, O'Sullivan G, Carlson CS. *Burkholderia pseudomallei* infection in Imported Cynomolgus Macaques. Meeting of the American College of Veterinary Pathologists, St Louis, Missouri (1998). Platform presentation.

Cline JM, **Salleng KJ**, Severe Pedal Xanthogranulomatous Inflammation in an African Green Monkey Fed a High Cholesterol Diet. CL Davis Foundation Southcentral Division, 9th Annual Meeting, Galveston, Texas (1999). Platform presentation.

Salleng KJ, Anderson C, Cline JM. Periapillary Small Intestinal Adenocarcinoma in a Rhesus Macaque. Meeting of the American College of Veterinary Pathologists, Chicago, Illinois (1999). Platform presentation.

Stubenitsky BM, Brasile L, Booster MH, Lindell S, Araneda D, **Salleng KJ**, Haisch CE, Koostera G. Ex-vivo Warm Perfusion in Renal Transplantation-Reduction of Reperfusion Injury and the Potential for Pretransplant Prognostic Testing. Congress of the European Surgical Association (2001). Platform presentation

Salleng KJ, Pan YL, Mathes S, Cline JM. Interactive Effects of Estradiol and Dietary Soy Phytoestrogens on the Uteri of Rats. International Scientific Conference on Complementary, Alternative and Integrative Medicine Research. San Francisco, California (2001). Platform presentation.

Cline JM, Foth D, **Salleng KJ**, Pan YL, Davis VL, Anthony MS, Clarkson TB. Interactive Effects of Estrogens and Phytoestrogens: Studies in Rats and Nonhuman Primates. International Scientific Conference on Complementary, Alternative and Integrative Medicine Research. San Francisco, California. (2001). Platform presentation.

Barrueto F Jr, **Salleng KJ**, Sahni R, Brewer KL. Histopathologic Effects of the Single Intramuscular Injection of Ketamine, Atropine and Midazolam in a Rat Model. Presentation at the Annual Meeting of the Society for Academic Emergency Medicine (2001) and at the International Conference in Emergency Medicine in Edinburgh, Scotland (2002). Platform presentation.

JH Garofalo, AM Conquest, DM Maziarz, Y Sun, **KJ Salleng**, WA Wooden, WM Meadows, LW Nifong and WR Chitwood. Effect of Vacuum Assisted Closure Device on Rectus Muscle Pedicle Flap Venous Outflow. Association for Academic Surgery Annual Meeting. Boston, Massachusetts. (2002). Platform presentation.

NM Trulli, **KJ Salleng**, and LW Means. Rats with Dorsal or Complete Hippocampal Lesions Fail to Show Temporally Graded Retrograde Amnesia (g-RA) on A Plus Maze Spatial Task. Seventh Annual Symposium of Neuroscience Research at East Carolina University, Greenville NC (2003). Poster.

Conner-Kerr TA, Koo J, Rogers B, Reardon A, Shirley M, Yoder M, Sullivan PK, **Salleng KJ**. Effects of Pulsatile Lavage with Suction and MIST Ultrasound Therapy on Healing Rates in Acute Porcine Wounds. APTA Combined Sections Meeting. Tampa, FL (2003). Platform presentation.

Conner-Kerr TA, Koo J, Rogers B, Reardon A, Shirley M, Yoder M, Sullivan PK, **Salleng KJ**. Effects of Pulsatile Lavage with Suction and MIST Ultrasound Therapy on Healing in Acute Porcine Wounds: A Histological Study. Symposium on Advanced Wound Care and Medical Research Forum, Las Vegas, NV (2003). Platform presentation.

Conner-Kerr TA, Koo J, Rogers B, Reardon A, Shirley M, Yoder M, Sullivan PK, **Salleng KJ**. Comparison of *Pseudomonas aeruginosa* numbers in slough Caps versus the Wound Bed Proper: A Comparative Salleng CV – September 2016

Study using an Acute Inoculation Paradigm. Symposium on Advanced Wound Care and Medical Research Forum, Las Vegas, NV (2003). Platform presentation.

van Brakel TJ, Bolotin G, Nifong LW, **Salleng KJ**, Allessie MA, Chitwood WR Jr, Maessen JG. Evaluation of Epicardial Microwave Ablation Lesions: Histology versus Electrophysiology. 40th Annual Meeting of the Society of Thoracic Surgeons. San Antonio TX (2004). Platform presentation.

van Brakel TJ, Bolotin G, Nifong LW, **Salleng KJ**, Allessie MA, Chitwood WR Jr, Maessen JG. Evaluation of Epicardial Microwave Ablation Lesions: Histology versus Electrophysiology. American Heart Association National Meeting (2004). Platform presentation.

Reade CC, Sun YS, **Salleng KJ**, Nifong LW, Roth JS. A New Model for Incisional Hernia Repair with Complete Reperitonealization. Society of American Gastrointestinal Endoscopic Surgeons Annual Scientific Session, Denver, CO (2004). Platform presentation.

Harris G, Vore SJ, **Salleng KJ**, Aycock D, Yu C. Intracranial Pressure (ICP) During Treatment of a Diabetic Hyperglycemic Canine Model: 0.45% vs 0.9% Saline. American Diabetes Association 64th Scientific Sessions Orlando, FL (2004). Poster presentation.

Treadwell EL, Marshall I, **Salleng KJ**. Pristane Induced Systemic Lupus Erythematosus in BALB/c Mice: An Animal Model. Brody School of Medicine, Department of Internal Medicine Research Day, Greenville NC (2005). Poster presentation.

Salleng KJ, Bainbridge M, Hill M. *Macrorhabdus ornithogaster* Outbreak Associated with Diarrhea and Mortality in a Flock of Zebra Finches (*Taeniopygia guttata*) AAALAS National Meeting, St. Louis MO (2005). Poster presentation.

Oppelt KA, **Salleng KJ**. An Outbreak of Ulcerative Dermatitis in Zucker Lean Rats. AAALAS National Meeting, St. Louis, MO (2005).
First Place—Clinical Poster Category

Salleng KJ. CSI Veterinary Medicine---An Introduction to Veterinary Pathology. Nashville TN. Spring Quarter Meeting of The Appalachian Branch of AALAS. (2006). Platform Presentation.

Phade SV, Williams SL, Sun YS, Jones PB, **Salleng KJ**, Tyson GH 3rd, Nifong LW, Chitwood WR Jr, Powell CS, Stoner MC. The effects of poly ADP-ribose polymerase inhibition in an animal model of contrast nephropathy (2006)

- Presented at East Carolina University Department of Surgery Resident Paper Competition, May 2006
- Presented at the North Carolina Chapter of the American College of Surgeons General Surgery Resident Paper Competition, (2006)

Carter JJ, Manwaring ML, **Salleng KJ**, Muller-Borer, Collins MC, Stoner MC. Paralysis and cell death from thoracic aortic stenting ameliorated by peroxynitrite decomposition catalyst. American College of Surgeons Meeting (2008)

Salleng KJ, Bainbridge M, Reece S, Hill M. Avian Polyomavirus infection in a Laboratory reared flock of Zebra Finches (*Taeniopygia guttata*). AALAS National Meeting, Salt Lake City: "What's Your Diagnosis?" (2006). Platform Presentation.

Salleng, KJ. Laboratory Animal Medicine and Veterinary Pathology. Columbia State Technical College. Columbia, TN (2008). Platform Presentation.

Salleng KJ. Diseases of the African Clawed Frog (*Xenopus laevis*). Appalachian Branch AALAS Meeting. Nashville TN (2008).

Salleng K, Burton B, Apple TM, Sanchez S. Isolation of *Trueperella pyogenes* in a case of Thoracic and Abdominal Abscess in a Galago (*Otolemur garnetti*). Association of Primate Veterinarians (APV) 42nd

Annual APV Workshop. La Cantera Hill Country Resort. San Antonio, Texas (2014). Platform Presentation.

Paramastri YA, Burton BJ, **Salleng KJ**. What's Your Diagnosis? Weight Loss in a Cat with a Chronic Cranial Implant. 66th AALAS National Conference; Phoenix, Arizona (2015). Platform Presentation.

Salleng K, Yu EN, Gould RW, Jones CK, Burton BJ. Fibrosarcoma associated with long term telemetry implant in an aged Sprague-Dawley Rat. 66th AALAS National Conference; Phoenix, Arizona (2015). Platform Presentation.

Salleng K. The African Clawed Frog (*Xenopus laevis*)- Health and Husbandry. AALAS District IV Meeting. Raleigh, North Carolina (June 6-7, 2019). Platform Presentation.

Molnar D, **Salleng K**. Collaborative Development of an Aseptic Survival Curriculum. LAWTE Biennial Conference. Memphis, Tennessee (June 24-26, 2019). Joint Platform Presentation.

Salleng, K. Working with Bushbabies. FAALAS 2023 Annual Meeting. University of Central Florida, Orlando (July 15, 2023). Platform Presentation.

Abstracts:

Salleng KJ, Sulistiawati E, Jayo MJ, O'Sullivan G, Carlson CS. May 1998. *Burkholderia pseudomallei* infection in Imported Cynomolgus Macaques. Veterinary Pathology 35: 452.

Cline JM, **Salleng KJ**, Bullock BC, Davis VL. May 1998. Common Bile Duct Ectasia in Estrogen Receptor-Transgenic Mice. Veterinary Pathology 35:434.

Salleng KJ, Anderson C, Cline JM, **Salleng KL**, 1999. Periapillary Small Intestinal Adenocarcinoma in a Rhesus Macaque. Veterinary Pathology 36.

Salleng KJ, Pan YL, Mathes S, Cline JM. 2000 Interactive Effects of Dietary Soy and Estradiol on Rat Uteri. Triangle Consortium for Reproductive Biology meeting (Breast and Prostate Biology).

Ibdah JA, Paul H, Zhao Y, Binford S, **Salleng KJ**, Cline JM, Bennett MJ, Rinaldo P, Strauss AW. 2000. Lack of Mitochondrial Trifunctional Protein in Mice Causes Sudden Neonatal Death. Pediatric Research 47(4): 240A.

Ibdah JA, Paul H, Zhao Y, Binford S, **Salleng KJ**, Cline JM. 2000. Heterozygosity for Mitochondrial Trifunctional Protein Defect Causes Hepatic Steatosis and Elevated Liver Enzymes in Mice. Gastroenterology. 118(4):5.

Cline JM, Wilkinson LM, **Salleng KJ**, Register TC, Williams JK, Soderqvist G, Von Schoultz B, Washburn SA, Adams MR. Assessment of Hormonally Active Agents in the Reproductive Tract of Female NonHuman Primates. Toxicol Pathol 2000: 28(6): 851

Sigounas G, **Salleng KJ**, Mehlhop P, Sallah S, Collins M, Kardatos A, Sigounas DG. Erythropoietin Inhibits Drug-Induced Fibrosis and Improves Pulmonary Function. Blood 2001, 98(11).

Barrueto F Jr, **Salleng KJ**, Sahni R, Brewer, KL. Histopathologic Effects of Intramuscular Ketamine, Atropine and Midazolam in the Rat. Emergency Medical Journal; 19 (S1): A90; 2002.

Reade CC, Bower CE, Sun YS, **Salleng KJ**, Nifong LW, Roth JS. A New Model for Incisional Hernia Repair with Complete Reperitonealization. Surgical Endoscopy 2004;18:S264.

Harris GD, Vore SJ, **Salleng KJ**, Aycock ED, Yu C. Intracranial Pressure (ICP) during Treatment of a Diabetic Hyperglycemic Canine Model: 0.45% vs 0.9% Saline. Diabetes 53, Supplement 2, p. A 421. June 2004.

Salleng KJ, Bainbridge M, Hill M. *Macrorhabdus ornithogaster* Outbreak Associated with Diarrhea and Mortality in a Flock of Zebra Finches (*Taeniopygia guttata*). AAALAS National Meeting-St. Louis MO Contemporary Topics in Laboratory Animal Science 44:4 p72 (P13) July 2005.

Oppelt KA, **Salleng KJ**. An Outbreak of Ulcerative Dermatitis in Zucker Lean Rats. AAALAS National Meeting-St. Louis MO. Contemporary Topics in Laboratory Animal Science 44:4 p 70-71 (P7) July 2005

Mega B, Crean CS, Bode AP, Nifong LW, Sun YS, **Salleng KJ**, Chitwood WR Jr, Boyer JL. A Reversible ADP Platelet Receptor Antagonist Maintains Graft Patency and Preserves Platelet Function after Cardiopulmonary Bypass and CABG in a Canine Model. National Meeting, Society for the Advancement of Blood Management. Jersey City, New Jersey (2006).

Salleng KJ, Flores T. Jackson K, Kokoye Y, Wallace JM, Smith N, Spann B, Liebegott E. Development and Assessment of an Inter-Institutional Rodent Shipping Program. AALAS National Meeting Charlotte, NC (2007).

Salleng KJ, Hill M, Reece S, Christie M. An Evaluation of the Use of BBL™ CHROMagar™ Orientation in an in-house Rat Health Monitoring Program. AALAS National Meeting Charlotte, NC (2007).

Apple TM, Leford J, **Salleng KJ**. Hemipenial plugs with secondary abscessation in laboratory housed Anoles (*Anolis cristatellus*). AALAS National Meeting Charlotte, NC: October 2007.

Coke CS, Priddy E, Wright J, **Salleng KJ**, Wallace JM. Introducing Macaques to Novel Housing Systems Mid-Experiment: Proactive Behavioral Management. AALAS National Meeting Charlotte, NC (2007).

Zhang Y, Tatum R, **Salleng KJ**, Jeanson BG, Lu Q, Luo N, Terrian DM, Lin JJ, Chen YH. Renal Tubular Dysfunction in Claudin-7 Deficient Mice. The American Society for Cell Biology 47th Annual Meeting, Washington, DC (2007).

Smith CR, **Salleng KJ**, Sigounas VY, Asch A, Sigounas G. The Effect of Erythropoietin on Tumor Growth and Metastasis. 21st Annual Research Day, East Carolina School of Medicine. Greenville, NC (2007).

Smith CR, **Salleng KJ**, Sigounas VY, Asch A, Sigounas G. Paracrine Suppression of VEGF Secretion by Erythropoietin Inhibits Tumor Growth. American Society of Hematology Annual Conference-(2007).

Manwaring ML, deFreitas DJ, **Salleng KS**, Gustafson JC, Stoner MC. A Novel Peroxynitrite Decomposition Catalyst Prevents Paralysis in a Rabbit Model of Spinal Cord Ischemia in Thoracic Aortic Stenting. Academic Surgical Congress Annual Meeting-Atlanta GA (2007).

Coke-Murphy C, **Salleng KJ**, Scott M. The Effects of Social Housing on Diabetic Laboratory Canines: Food Consumption, Weight, Behavior, Glucose Tolerance and Insulin Levels. AALAS National Meeting. Indianapolis, IN (2008).

Salleng KJ, Apple TM. Balanoposthitis in Glycosuric Zucker Fatty (fa/fa) Rats. AALAS National Meeting, Denver, CO (2009).

Gee LC, Jackson KL, **Salleng KJ**, Wallace JM. Refinement of Animal Husbandry Training Methods. 61st AALAS National Meeting, Atlanta, GA (2010).

Flores TL, Wallace JM, **Salleng KJ**, Yu EN, Mallory J, Bogen J. Development and Assessment of an Online Research Animal Transfer System. 61st AALAS National Meeting, Atlanta, GA (2010).

Kokoye Y, Flores TL, **Salleng KJ**. Prevalence of *Helicobacter* species in mice received from non-commercial sources and entering institutional quarantine. 62nd AALAS National Meeting, San Diego, CA (2011).

Molnar D, **Salleng KJ** and Jesse T. Training and Development: A Collaborative Approach. 62nd AALAS National Meeting, San Diego, CA (2011).

Reece SP, Jones C, **Salleng KJ**, Lust R, Mannie M, Van Scott M, Wang X. Cytokine Peptide Fusion Protein Therapy Inhibits Experimental Autoimmune Myocarditis in the Lewis Rat. ATS International Conference; Philadelphia, PA (2013).

Molnar D, Kahn W, **Salleng KJ**. Training to Improve Post-Procedural Recordkeeping. 64th AALAS National Conference; Baltimore, MD (2013).

Salleng KJ, Burton BJ, Apple TM and Sanchez S. Isolation of *Trueperella pyogenes* in a case of Thoracic and Abdominal Abscess in a Galago (*Otolemur garnetti*). 65th AALAS National Conference; San Antonio, TX (2014).

Salleng KJ, Boyd KL. The Use of Shed Skin for Diagnosis of Cutaneous Disease in a Tentacled Snake (*Erpeton tentaculatus*). 65th AALAS National Conference; San Antonio, TX (2014).

Molnar D, Armstrong E, **Salleng KJ**. A Scripted Approach to Improve Rodent Procedural Recordkeeping Compliance. 66th AALAS National Conference; Phoenix, AZ (2015).

Jones C, Burton BJ, Apple TM, Boyd KL, **Salleng KJ**. A Mixed Mammary Tumor in a Breeding Galago (*Otolemur garnetti*). 66th AALAS National Conference; Phoenix, AZ (2015).

Salleng KJ, Yu EN, Gould RW, Jones CK, Burton BJ. Fibrosarcoma associated with long term telemetry implant in an aged Sprague-Dawley Rat. 66th AALAS National Conference; Phoenix, AZ (2015).

Jones C, Yu EN and **Salleng KJ**. What's Your Diagnosis? Rapidly Progressive Skin Lesions in an Electric Eel (*Electrophorus electricus*). 67th AALAS National Conference; Charlotte, NC: Oct 30-Nov 3, 2016.

Salleng KJ, Apple TM, Yu ENZ, and Himmel L. Spontaneous Pulmonary Adenocarcinoma and Subcutaneous Cavernous Hemangioma arising in a Squirrel Monkey. 68th AALAS National Conference; Austin, TX: Oct 15-19, 2017.

Salleng KJ, Jones C, Boyd KL, Williams MM and Cook R. *Staphylococcus xylosus* Cystitis and Struvite Urolithiasis in Nude Mice treated with Sustained Release Estrogen Pellets. 68th AALAS National Conference; Austin, TX: Oct 15-19, 2017.

Salleng KJ and Chen P. Pseudoparasites noted in Electric Eel (*Electrophorus electricus*) Aquaria. 68th AALAS National Conference; Austin, TX: Oct 15-19, 2017.

Salleng KJ, Shuster K, Himmel L, Wallace JM, Yu, EN, Brooks C, Pryor M, Jackson K and KL Boyd. Acute Morbidity and Mortality in Severely Immunocompromised Mouse Strains due to an Enteroinvasive *Escherichia coli*. 69th AALAS National Conference; Baltimore, MD: Oct 28-Nov 1, 2018.

Darbyshire A, Jones C, Hubbard J, Boyd KL, Himmel L, **Salleng KJ**. *Streptococcus thoraltensis*: Commensal or Pathogen of Mice? Accepted for presentation at 69th AALAS National Conference; Baltimore, MD: Oct 28-Nov 1, 2018.

Munchow, H. **Salleng K**, Gografe S. Hand-on Training and Verification of Surgical Techniques. LAWTE Biennial Conference. Pittsburgh, Pennsylvania (June 12-14, 2023). Poster Presentation (First Place in Poster Competition).

Salleng K and Gografe S. Infiltrative Lipoma in a Zebra Finch (*Taeniopygia guttata*). 73rd AALAS National Conference. Salt Lake City UT: Oct 22-26, 2023.