**ASHLEY JONES, B.S.**

Laboratory Technician/Quality Analyst

BioLife NAT Source Virology Laboratory

*Shire Pharmaceuticals*

Hoover, Alabama

**EDUCATION:**

2013 **B.S.** Animal Science *Auburn University*  
2017 to Present **M.S.** Biology *University of Alabama at Birmingham*

**EXPERIENCE:**

**02/18 to Present Laboratory Technician/Quality Analyst**

*Shire Pharmaceuticals, BioLife NAT Source Virology Laboratory, Hoover, AL*

Duties include performing PCR testing of human plasma samples in accordance with all SOPs, GMP guidelines, and regulatory agency requirements such as CLIA and the FDA with the use of two primary assays: MPX & DPX. Additionally, test results must be quality reviewed for accuracy and completion as well as for the presence of trends.   
  
  
**07/17 to 02/18 Assistant In Vivo Technician, In Vivo Laboratory**  
*Southern Research, Cancer Cause and Prevention, Birmingham, AL*

Duties included those described for Advanced Research Assistant role in addition to working under animal biosafety levels 1, 2, and 3 containment procedures.

**11/16 to 7/17 Advanced Research Assistant, Operations in *vivo* Support**

*Southern Research, Cancer Cause and Prevention, Birmingham, AL*

Duties included those described for Research Assistant role in addition to assisting in training new team members on laboratory techniques, the proficient use of the Provantis data collection system, attention to detail, ability to work in a team environment, and technical expertise.

**07/15 to 11/16 Research Assistant, in vivo Toxicology Labs**  
*Southern Research, Cancer Cause and Prevention, Birmingham, AL*

Duties included administering test and control materials, collecting samples and specimens, providing animal care and husbandry, gathering and reviewing experimental data, handling and restraining animals, and assisting/performing surgeries.

**02/14 to 07/15 Anesthesia Technician II, Bailey Small Animal Teaching Hospital**  
*Auburn University College of Veterinary Medicine, Auburn AL*

Provided anesthetic services for Internal Medicine, Cardiology, Dermatology, Orthopedic Surgery, Neurology, Soft Tissue Surgery, Surgical Oncology, and Emergency Critical Care for numerous complex case scenarios; input anesthetic charges based on appropriate ASA status classification. Clinical duties included the development, calculation, and administration of fluid and drug protocols (involving the use of various sedatives, opioids, induction agents, maintenance-inhalants, and emergency drugs), as well as the selection of appropriate anesthetic equipment based on patient weight parameters. Supervised and instructed veterinary students in the small animal anesthesia orientation, gave presentations on patient monitoring, and lead case-scenario discussions; demonstrated how to administer epidurals, and gave instructions for anesthetic induction, airway management, pain management, venous and arterial catheter placement, patient monitoring, and post-operative patient recovery. Trained in CPR and in the use of a defibrillator; administered blood products for emergency transfusions and worked full-time in a high-volume, fast-paced work environment as well as during after-hours on-call settings for emergency cases.  
  
**07/12 to 12/13 Dairy Hand/Milker**  
*Auburn University College of Veterinary Medicine, Auburn, AL*

Performed daily milking tasks and provided guidance to the senior veterinary students during their Dairy Science rotation. Mixed and distributed feed based on ages, various stages of lactation, and milk production. Setup and sanitized the bulk- tank and milking systems for milk collection according to FDA inspection guidelines.

**05/11 to 08/11 Veterinary Assistant/Receptionist/Kennel Worker**  
*Waters Animal Hospital, Gadsden, AL*

Assisted in medical procedures, animal restraint and husbandry, sample collection, and setup of routine exams. Distributed medication and filled patient prescriptions. Prepared/sanitized surgery packs and monitored anesthesia during surgery. Processed customer orders, handled both cash and check payments, and performed office receptionist duties such as answering calls and scheduling clinical appointments.

**OTHER RELEVANT EXPERIENCE & TRAINING:**

**04/18 to Present Alabama Wildlife Center, Birmingham, AL**

Clinic Assistant: Duties include distributing feed according to instruction, cleaning holding areas, and maintaining supplies in the clinic for the care and rehabilitation of injured fowl/raptors.

**02/17 to Present Wildlife Resources and Education Network, Birmingham, AL**

Research Intern and Volunteer Transporter: Research assigned topics regarding legislation and wildlife rehabilitation in the United States for use by permitted rehabbers and in symposium settings. Participate in coordinated transportation of injured wildlife in Alabama and Georgia for rehabilitation purposes.

**2015**  **Auburn University, College of Veterinary Medicine, Auburn, AL**

Assisted in Cardiology Research at the Auburn University Small Animal Hospital, conducted by Dr. Ray Dillon DVM, MS, MBA, Dipl. ACVIM on ventricular remodeling after the induction of mitral regurgitation in Beagles; assisted in intravenous catheterization, anesthetic induction, intraoperative anesthetic maintenance, patient monitoring, and recording data during the induction of mitral regurgitation as well as post-operative patient recovery.

**2013 Auburn University, Swine Unit, Auburn, AL**  
Assisted with the swine research project at the Auburn University Swine Unit: “Establishing the Mangalica as a Translational Model for Juvenile Obesity and Diabetes” under the supervision of Dr. Terry Brandebourg. Duties included collecting body weights, recording data, and basic animal husbandry tasks such as weighing and distributing feed, cleaning the housing stalls, and checking water lines. Also trained in vaccination administration and weaning procedures.

**2011** **Auburn University, Beef Unit, Auburn, AL**  
Worked at Auburn University Beef Unit; duties included weighing, branding, and ear- tagging the cattle as well as cleaning the holding areas and show-arena.

**PROFESSIONAL AFFILIATIONS:**

2015-Present Member of the American Association for Laboratory Animal Science