



# PETER BARBOUNIS B.S. SCIENTIST

## *Education*

1996 B.S. Biology Bloomfield College, Bloomfield, NJ

## *Work Experience*

### 2005 to Present - Product Safety Labs

#### SCIENTIST – TOXICOLOGY/PHARMACOLOGY

- Set-up and conduct experiments in accordance with protocol and SOP'S.
- Prepare animals for dosing, necropsy and other procedures in various laboratory animals
- Collect biological specimens from animals with accordance to SOP.
- Prepare statistical tables and charts for reports.
- Safety Officer – Conducting safety training and audits to comply with OSHA standards.

### 2004 to 2005 - Product Safety Labs

#### TOXICOLOGY TECHNICIAN

- Set-up and conduct experiments in accordance with protocol and SOP'S.
- Prepare animals for dosing, necropsy and other procedures.
- Collect biological specimens from animals with accordance to SOP.
- Assist in writing reports.

### 2003 to 2004 - TECHNICIAN, Cardiovascular Toxicology, Huntingdon Life Sciences, East Millstone, NJ

- Responsible for the clinical observations of rats, canines and non-human primates.
- Dosed rodents, canines and non-human primates via oral gavage, IV, IM, IP and subcutaneous injection.
- Assisted in the preparation, recovery and monitoring of surgical animals.
- Performed biological specimen collection from various animal species
- Prepared all paperwork and study files for assigned studies.
- Ensured duties were performed according to protocol requirements and adhered to Standard Operating Procedures (SOP) and Good Laboratory Practices (GLP).

### 2000 to 2003 – TECHNICIAN, Necropsy, Huntingdon Life Sciences, East Millstone, NJ

- Performed all fundamental procedures in the Necropsy Laboratory in adherence to protocol, Standard Operating Procedures (SOPs) and Good Laboratory Practice (GLP).
- Administered anesthetic to canines, rabbits and non-human primates
- Administered radio-labeled (Tritium/C<sub>14</sub>) test articles in non-human primates to determine drug distribution.
- Recorded all gross observations manually or via electronic capturing system (Xybion/TASC)
- Prepared fixatives for specialized necropsy techniques.
- Prepared paperwork for assigned studies

1997 to 2000 – **TECHNICIAN, Anatomical Surgical Pathology, St. Barnabas Medical Center, Livingston, NJ**

- Assisted attending physicians and residents in a 5-year post-graduate program by preparing human organs and tissue for microscopic diagnosis.
- Stained microscopic slides using H&E staining techniques
- Prepared Renal Biopsies for Electron Microscopy.
- X-rayed post-mastectomy breast tissue for tumor isolation.
- Handled lymph node tissue radio-labeled with <sup>99m</sup>Tc-labeled sulfur colloid.
- Photographed human organs and tissues for medical conferences throughout the medical center.
- Coordinated and implemented media for residents and faculty.

#### ***TRAINING***

Radiation Safety Officer ( 40 Hours – Radiation Safety Academy, Gaithersburg, MD) September 2005

Radiation Training (Huntingdon Life Sciences, In-house training) - May 2004

Animal Welfare and Regulation (Huntingdon Life Sciences, In-house training) - June 2003

Rodent Pathology Training (UNC School of Veterinary Medicine) - September 2002

#### ***PUBLICATIONS***

Gary Grover, Peter Barbounis, Johan Malm, and Stefan Rehnmark, "Effect of Selective Thyroid Hormone Beta Agonist on Lipids and Body Weight in Zucker Obese Rats." Poster, AAPS National Meeting, Nov. 6-10, 2005.

#### ***Experience Summary***

Peter Barbounis has over 4 years of toxicology experience prior to joining PSL in November 2004. While employed at Huntingdon Life Sciences he gained experience in performing necropsies on various laboratory animals as well as dosing via oral gavage, IM, IP, IV and subcutaneous injection while working in a GLP environment.

## CAROLYN A. LOWE, LATG STUDY DIRECTOR

### *Education*

Cook College, Rutgers University and Thomas Edison State College. Matriculating towards BS (Laboratory Animal Science).  
Laboratory Animal Technologist Certification, American Association of Laboratory Animal Science, International.

### *Work Experience*

#### **2006 to Present - STUDY DIRECTOR - Product Safety Laboratories**

- Accountable for the conduct of studies according to GLP and GMP (where applicable)
- Design protocols based on study objectives and according to regulatory guidelines
- Review and prepare SOPs
- Accountable for the technical accuracy, interpretations and reporting of study results according to GLPs (where applicable)
- Responsible for scheduling and tracking progress of all studies
- Communicate study results to clients

#### **2005 to 2006 – SENIOR SCIENTIST, Product Safety Laboratories**

- Assist study director with all phases of study design, scheduling and conduct.
- Assist with scheduling and tracking progress of all studies conducted at PSL
- Assist in writing, reviewing and editing reports, protocols and SOP'S.
- Set-up and conduct experiments in accordance with Protocol and SOP'S.
- Training other staff members.

#### **2002 to 2005 – SENIOR TOXICOLOGY TECHNICIAN, Product Safety Laboratories**

- Assist study director with all phases of study design, scheduling and conduct.
- Assist in writing, reviewing and editing reports, protocols and SOP'S.
- Set-up and conduct experiments in accordance with Protocol and SOP'S.
- Training other staff members.

#### **2002 to 2002 - CONSULTANT, Archives and Records Management, Fort Dodge Animal Health**

- Responsible for establishing an archives and records retrieval system in compliance with government agencies, GLPs, GCPs, and GMPs.
- Provided training to FDAH personnel concerning government expectations in regards to archiving, records management and document control.

#### **2001 to 2002 – ARCHIVE TOXICOLOGY SUPPORT, BASF Corporation, Princeton, NJ**

- Responsible for managing relocation of GLP samples (chemical), specimens (biological) and documents to multiple locations and sponsors.
- Developed identification, indexing and tracking system for GLP data.
- Coordinated transfer of toxicology archived material (mammalian and ecotoxicology) as part of a matrix management team.

1990 to 2001 – SENIOR SCIENTIFIC ASSOCIATE, Mammalian Toxicology, BASF Corporation (formerly AHP, American Cyanamid, Princeton, NJ.

- Served as Study Director for various toxicity studies designed to identify the toxicological risks of agricultural and animal health products.
- Responsible for final report preparation for submission to United States and global regulatory agencies.
- Technical expertise concerning calculations and administration of drug dosages for lab animals including mice, rats, rabbits, guinea pigs, and canines via oral gavage, IV, IP, IM, and SQ injections.
- Conducted numerous studies in rats with Carbon 14 and radioactive Iodine-125 (metabolism studies with bile duct cannulation and complete metabolic chambers). Involved with several metabolism studies involving dairy goats with radio-labeled test substances

### ***SKILLS AND TRAINING***

Computer skills include computerized data collection systems, Windows NT, Excel, Word, and various databases. Working knowledge of Good Laboratory Practice for implementation of EPA, FDA, JMAFF, and OECD regulatory studies.

Numerous Quality Assurance and regulatory workshops, seminars and training courses: Computer System Validation in a Regulatory Environment, Data Integrity Workshop, Study Director Workshop, JMAFF Workshop.

Radiation Safety Training - 4/2004

Animal Identification Marking System (AIMS) Tattoo Certification.

### ***Experience Summary***

A Laboratory Animal Technologist with extensive experience in the agricultural chemical/animal health field. Expertise in the toxicology area with a strong working knowledge of regulatory expectations and testing guidelines.

## BARBARA ROSE, ALAT TECHNICIAN GROUP SUPERVISOR

### *Education*

High School diploma from High Point Regional High School, Sussex, NJ  
20 credits achieved from Bergen Community College, Paramus, NJ

### *Work Experience*

- 2006 - PRESENT - PRODUCT SAFETY LABS**
- ANIMAL CARE SUPERVISOR
  - Responsible for ordering and receiving lab animals, animal feed, supplies
  - Hire and train animal care personnel and oversee their work
  - Maintain facility records
- 2004 - 2006**
- XENOGEN BIOSCIENCES
  - LABORATORY ANIMAL TECHNICIAN II
  - Responsible for feeding, watering of lab animals
  - Cleaned animal cages and saw to the general welfare of the animals
  - Assist Research Associates
- 2002 - 2004**
- PURDUE PHARMA
  - LABORATORY ANIMAL TECHNICIAN I
  - Maintained both barrier and conventional rooms to AAALAC standards
  - Performed basic to complex husbandry and sanitation
  - Responsible for ordering food and bedding supplies, record keeping and receipt of animal Deliveries
  - Provided husbandry for Ytterbium90 and Iodine125 mice
- 2000 - 2002**
- VCA TWIN RIVER ANIMAL HOSPITAL
  - VETERINARIAN TECHNICIAN SUPERVISOR
  - Supervised staff of 8 technicians and 2 kennel personnel.
  - Trained all new employees
  - Responsible for ordering supplies and surgery equipment
- 1998 - 2000**
- COUNTRY ANIMAL CLINIC
  - VETERINARIAN TECHNICIAN
  - Assisted in clinical and surgical procedures
  - Responsible for all in-house laboratory test and assays
  - Maintained a sterile surgical suite
- 1991 - 1998**
- CLOSTER ANIMAL WELFARE SOCIETY
  - CANINE DEPARTMENT DIRECTOR
  - Managed of staff of 7 volunteers
  - Provided medical treatment for all unwanted pets
  - Collaborated with Board of Trustees in maintaining a 501-C-3 organization
- 1989 - 1991**
- QUEST DIAGNOSTICS
  - ORGANIC LABORATORY TECHNICIAN
  - Managed of staff of 7 volunteers
  - Provided medical treatment for all unwanted pets
  - Collaborated with Board of Trustees in maintaining a 501-C-3 organization

1982 - 1989

- LEDOUX & COMPANY

- INORGANIC LABORATORY TECHNICIAN

- Utilized Spark Source Mass Spectrophotometer
- Collaborated with Nuclear Regulatory Commission
- Responsible for sample preparation and running instrumentation
- Handled and prepared Uranium 235 for testing fuel rods for nuclear reactors

*Experience Summary*

Ms. Rose is the Technician Group Supervisor for Product Safety Labs. She has experience in working with laboratory animals as well as domestic animals. Prior to Product Safety Labs, Ms. Rose has worked for companies such as Purduc Pharma as well as Xenogen Biosciences. Her work experience also extends into the field of instrumentation for both organic and inorganic testing.