

Scott D. Butler
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(607)844-4456

EDUCATION:

University: State University of New York at Oswego, Oswego, New York.

Degree: Bachelor of Sciences (Arts and Sciences) 1992

Major: Biology

University: Cornell University, Ithaca, New York.

Extramural Study: Principles of Biochemistry (BIOBM 333) 1998, Basic Immunology (BIO G 305) 1998.

EXPERIENCE:

Company: Cornell University College of Veterinary Medicine, Department of Clinical Sciences Ithaca, New York (607)253-3285

Supervisor: Dr. Bud Tennant, Dr. Stephan Menne

Employment Dates: 08/97-present

Title: Research Support Specialist I

Description:

-Laboratory support of research protocols involving woodchucks infected with woodchuck hepatitis B virus. Perform DNA blot analysis and ELISAs on serum samples. Perform analysis of RNA and DNA to include northern and Southern blotting, hybridization, extraction from tissue, blood, and cell cultures, and PCR analysis including conventional, reverse transcription, and real-time. Maintain in vitro cultures of lymphocytes and hepatocytes and perform isolation of cells, plating, medium changing, and harvesting of cultures. Perform cloning procedures of DNA and PCR products for sequencing and use in hybridization procedures.

-Manage research laboratory daily operations including ordering supplies, new equipment pricing, coordination with purchasing department, maintenance of all laboratory equipment including freezers, biosafety hoods, pipettes and centrifuges, and supervision and training of technicians and students.

-Supervise laboratory safety including disposal of hazardous waste, shipping of infectious material, disposal of radioactive waste, monthly radioactive surveys, updating standard operating procedures, and laboratory compliance with university regulations.

-Provide technical assistance on research animals including handling, bleeding, drug administration, surgical procedures, liver biopsies and necropsies.

Company: Cornell University, Department of Animal Sciences
Ithaca, New York (607)272-8320

Supervisor: Karl Roneker

Employment Dates: 03/94-8/97

Title: Technician III

Description:

-Provide technical assistance for research animal experiments on the farm.

-Administer vaccinations and medications.

-Provide general farm and livestock maintenance.

Company: Marmotech, Inc.

Ithaca, New York (607)539-6176

Supervisor: Dr. Bud Tennant, William Wiswell

Employment Dates: 04/95-08/2003

Title: Technician

Description:

- Provide technical assistance for research animals (woodchucks) including bleeding, health care, and necropsy.
- Administer medications to animals on research studies.
- Provide general maintenance of research colony.

Company: Cornell University, Department of Human Ecology

Ithaca, New York (607)255-4804

Supervisor: Dr. Kathleen Rasmussen

Employment Dates: 11/94-03/95

Title: Research Assistant

Description:

- Provide care for research animals (sprague-dawley rats) including breeding, pregnancy checking, and animal care.
- Computer data entry.
- Assisted with surgical procedures.

TRAINING:

Radiation Use:

- Radiation Safety for Users of Radioactive Material Day 1&2 (2000)
- Radiation Safety Class for Surveys (2000)
- Radiation Safety Class for Inventory (2000, 2004)

Laboratory Safety:

- EPA Chemical Waste Disposal (2000)
- Chemical Safety for Lab Workers (2000)
- Cornell University Health and Safety Basics (2006)
- Centrifuge Rotor Safety (2007)
- Bloodborne Pathogens Training (2007)

Miscellaneous:

- Center for Resource Animal Resources Intersession (1998)
- Introduction to Quality Assurance (2000)
- Introduction to the Care and Use of Animals (2004)
- DOT Hazardous Materials Shipping (2003, 2005, 2006)

COMPUTER SKILLS:

- Microsoft Windows XP, 2000, Vista, MS OFFICE, Sigma Plot, ImageQuant, Web searches using PUBMED, NCBI.

COMMITTEES:

- Member of the Institutional Biosafety Committee since 2007.

PUBLICATIONS:

1. Menne, S., P.J. Cote, **S.D. Butler**, A.L. George, G. Asif, S. Hurwitz, R.F. Schinazi, D.C.K. Chu, J.L. Gerin, and B.C. Tennant. 2007. Antiviral effect of orally administered aminopurine dioxolane in woodchucks with chronic woodchuck hepatitis virus infection. *Antimicrob. Agents Chemother.* 51:3177-3184.
2. Menne, S., P.J. Cote, **S.D. Butler**, I.A. Toshkov, J.L. Gerin, and B.C. Tennant. 2007. Immunosuppression reactivates viral replication long after resolution of woodchuck hepatitis virus infection. *Hepatology.* 45:614-622.
3. Menne, S., P.J. Cote, B.E. Korba, **S.D. Butler**, A.L. George, I.A. Toshkov, W.E. Delaney IV, J.L. Gerin, and B.C. Tennant. 2005. Antiviral effect of oral administration of tenofovir disoproxil fumarate in woodchucks with chronic woodchuck hepatitis virus infection. *Antimicrob. Agents Chemother.* 49:2720-2728.
4. Menne, S., Y. Wang, **S.D. Butler**, J.L. Gerin, P.J. Cote, and B.C. Tennant. 2002. Real-time polymerase chain reaction assays for leucocyte CD and cytokine mRNAs of the Eastern Woodchuck (*Marmota monax*). *Vet. Immunol. Immunopathol.* 87/1-2:97-105.

References are available on request