

Blaze Dragon

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EDUCATION

The University of Georgia Doctor of Philosophy, Toxicology	Athens, GA May 2009
University of Illinois at Chicago Master of Science, Forensic Science	Chicago, IL August 2001
University of Alabama at Birmingham Bachelor of Science, Chemistry	Birmingham, AL May 1999

PROFESSIONAL EXPERIENCE

Forensic Scientist, Washington State Toxicology Laboratory, Seattle, WA
May 2007 – Present

Crime Lab Scientist, Georgia Bureau of Investigation, Savannah, GA
July 2001 – August 2001

CERTIFICATIONS

Washington State Blood Alcohol Analyst Permit, June 2007 – Present

State of Georgia Department of Public Safety and Georgia Bureau of Investigation: Chemical Analysis of Blood/Urine Permit (#12345), November 2001 – September 2003

PROFESSIONAL AFFILIATIONS

Member, Society of Forensic Toxicologists, 2008-present
Member, Society of Toxicology, 2004-2007
Member, American Association of Pharmaceutical Scientists, 2003-2007
Member, American Academy of Forensic Sciences, 1999-present
Member, Golden Key National Honor Society 1996-present

HONORS, AWARDS, AND FELLOWSHIPS

Young Scientist Meeting Award, Society of Forensic Toxicologists, 2010

Outstanding Senior Graduate Student Research Award, Pharmaceutical and Biomedical Sciences Department, University of Georgia, 2007

Achievement Rewards for College Scientists Scholar, 2006-2007

Fellow, American Foundation for Pharmaceutical Education, 2005-2007

University of Georgia Dissertation Completion Assistantship, 2006-2007

University Wide Graduate Fellowship, University of Georgia, 2004-2006

PRESENTATIONS

"Evaluation of Drug Recognition Expert Reports in Marijuana Cases" Annual meeting of the Society of Forensic Toxicologists, New York City, NY, February 4, 2011

"History and Scope of the DRE program" (Presenter and Workshop Co-Chair) Annual meeting of the Society of Forensic Toxicologists, Phoenix, AZ, February 10, 2010

"The Role of Toxicology in Criminal Investigations" Washington State Criminal Justice Training Commission; Crime Scene Investigation, Seattle, WA, June 9, 2009

"Drugs in the Human Body" Advances Roadside Impaired Driving Enforcement, Seattle, WA, September 15, 2008.

PEER REVIEWED PUBLICATIONS

Dragon, B. Prevalence of Gabapentin in impaired driving cases in Washington state from 2003 to 2007. *Int J Toxicol.* 2009 Oct; 33(8):345-9.

Dragon, B., Smith, K., Blazer R., and Franklin A. Alterations in phospholipid and fatty acid profiles in primary neocortical cells during oxidant-induced cell injury. *Chem Biol Interact.* 2008 Aug; 174(3):163-76.

Dragon, B. Knotts, A., Cummings, T. Differential roles for cytosolic and microsoma CA²⁺-independent phospholipase A₂ in cell growth and maintenance of Phospholipids. *Journal of Pharmacology and Experimental Therapeutics* 2006;318(3):1211-1219.

Saavedra, S., Lee, W., Dragon, B. A review of chromatographic methods for the assessment of phospholipids in biological samples. *Biomedical Chromatography* 2006;20:227-243.

Zhang, A., Peterson, L., Smith, K., Dragon, B. The effect of CA²⁺-independent phospholipase A₂ on chemotherapeutic-induced death and phospholipid profiles in renal cells. *Biochemical Pharmacology* 2005. 70:1697-1706.

Dragon, B., Boode, T., Blazers, U., Smith, J. World population data for the HLA-DQA1 and D1SS0 loci with least and most common profile frequencies for combinations of loci estimated following NRC II guidelines. *J Forensic Sci* 2000; 45(1):118-146.

David Jones

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PROFILE

Masters educated research professional with focus in Virology, Microbiology and Infectious Diseases.

EDUCATION

University of Glasgow Master of Science, Virology	Glasgow, United Kingdom 2001
University of Alabama at Birmingham (UAB) Bachelor of Science, Biology, Spanish	Birmingham, AL 1996

- USGA Treasurer
- Member of Phi Kappa Phi honor society
- Accumulated 100 hours volunteer service

CAREER SUMMARY

University of Alabama at Birmingham School of Medicine Department of Microbiology, Graduate Assistant	Birmingham, AL 2001 - 2003
The UAB Research Foundation Research Associate	Birmingham, AL 2005 - Present

The role of the UAB Research Foundation (UABRF)(www.uab.edu/uabrf) the technology transfer office, is to identify, assess, protect, and market commercially viable intellectual property developed at UAB.

Key roles and responsibilities:

- Review intellectual property disclosures submitted by UAB scientists (___ reviews to date)
- Initiate steps to protect the rights of the discovery, including the filling of domestic and foreign patents when appropriate
- Seek and negotiate (___ to date) commercial licensing agreements

University of Glasgow Laboratory Technician	Glasgow, United Kingdom 1998 - 1999
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Compiled preliminary data concerning the DNA sequence of the (174 kbp) genome of salmonid herpesvirus1, a significant pathogen of economic importance in fish farming.

University of Alabama at Birmingham School of Medicine Department of Pediatrics, Research Assistant	Birmingham, AL 2003 - 2005
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Investigated antibody resistant mutants of respiratory syncytial (RS) virus, the leading cause of serious lower respiratory tract disease in children under one year.

Key roles and responsibilities:

- Scientific Research
- Day to day oversight of lab and mentoring (#) of colleagues
- Peer review of (# to date) scientific publications and grant writing

PUBLICATIONS

XIN, CHUNG, B. DRAGON, AND E. SALLINGER. Variable resistance in cotton rats to palivizumab by respiratory syncytial virus mutants. *Virology* Manuscript in press.

TARTEE, L., B. DRAGON, A. OWENS AND G.W. KURTZ. 2003. Identification of a single amino acid change in the human respiratory syncytial virus L protein that affects transcriptional termination. *Journal of Virology* 77:385-3798.

OWENS, A., B. DRAGON AND G.W. KURTZ. 2003. Infectivity of a human respiratory syncytial virus lacking the SH, G and F proteins is efficiently mediated by the vesicular stomatitis virus G protein. *Journal of Virology* 77:385-3798.

ROMAN, S.B., B. DRAGON AND G.W. KURTZ. 2001. RNA sequences involved in transcription termination of respiratory syncytial virus. *Journal of Virology* 75: 36-44

B. DRAGON, D. SOUTHPORT, B. RIDER, N. UNGER, AND A.J. VINSON. 1997. The DNA sequence of the RK strain of human herpesvirus 7. *Virology* 244: 119-132.

MIDDLEMARCH, D., B. DRAGON, C. CALVIN, S. DAWKINS, C. MALLARD, AND D.A. SEWAGE. 1994. TAP1 and TAP2 polymorphism in multiple sclerosis patients. *Human Immunology* 40: 131-134.

PRESENTATIONS

B. Dragon. Molecular and in vitro tools for monitoring drug resisting genotypes. Given at Ifakara Health Institute Sept. 2001.

B. Dragon, S. Reynolds. Fixatino of mutations and single origin of Pfcrt and Pfmdr1 haplotypes. Given at UAB Honors Society Dec. 1996.

PATENT APPLICATIONS

US Patent Application, serial no. 10/262,238 filed October 1, 2002.
Title: Recombinant Respiratory Syncytial Viruses with Deleted Surface Glycoprotein Genes and uses Thereof.
Inventors: OWENS, A.G.P., B. DRAGON AND G.W. KURTZ

International Patent Application, serial no. PCT/UA04/41067, filed December 10, 2004.
Title: Recombinant Viruses with Heterologous Envelope Proteins