
Profile

Eight years progressively responsible experience as a SCIENTIFIC INVESTIGATOR with Wyeth Research, a global pharmaceutical and biotechnology company. Relocation to Pennsylvania and graduate studies create opportunity for career transition within the field of QUALITY ASSURANCE / REGULATORY AFFAIRS. Recognized for ability to:

- Prepare and present accurate documentation to steer strategic team decision-making
- Prioritize a significant work load while consistently meeting project deadlines
- Collaborate with other groups to promote seamless communication and ensure quality

Selected Accomplishments

Wyeth Research, Chemical & Screening Sciences 2004 - present
SCIENTIST II Cambridge, MA

- Perform protein purification for downstream assays, including X-ray crystallography, nuclear magnetic resonance, enzymology, and high throughput screening as integral member of core protein biochemistry group
- Manage five projects simultaneously, prepare complex data findings, and present data to teams from several therapeutic areas, including Oncology, Inflammation, and Women's Health
- Develop and implement protocols to purify several active protein kinases to high purity and investigate stability and phosphorylation states by mass spectrometry analysis

Wyeth Research, Chemical & Screening Sciences 2001 - 2003
SCIENTIST I Cambridge, MA

- Utilized state-of-the-art biochemical research methods and instruments, such as ÄKTA, BioCAD, Waters, and HP1100 systems for applications of chromatography
- Developed understanding of drug discovery pipeline, with emphasis on Exploratory and Discovery phases, while building deep expertise in protein biochemistry
- Earned "Team of the Year Award" for participation in structure-based drug design

Wyeth-Ayerst Research, Neuroscience Department 2000 -2001
SCIENTIST I Princeton, NJ

- Examined relationship between voltage-gated potassium channels, their interacting proteins and mutations of those proteins using biochemical methods as part of epilepsy research
- Investigated binding properties using yeast reporter systems involving nutritional selection
- Gained knowledge of many subject areas within field of neuroscience, including, but not limited to, neuroanatomy, neuroimaging, and neurotransmitter function

Wyeth-Ayerst Research, Neuroscience Department 1998 - 2000
ASSOCIATE SCIENTIST Princeton, NJ

- Screened compounds using yeast-two-hybrid system to identify small molecule inhibitors of therapeutic target protein
- Studied surface expression of voltage-gated potassium channels and investigated various constructs that affect surface expression

Wyeth-Ayerst Research, Neuroscience Department Summer 1998
INTERN Princeton, NJ

- Determined localization of voltage-gated potassium channels and interacting proteins in the central nervous system
- Performed immunohistochemical assays to characterize antibodies

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Education and Professional Development

Graduate Certificate	Domestic Regulatory Affairs	Northeastern University (in progress)
Graduate level course	Food and Drug Law	Temple University Fall 2005
Graduate Certificate	Biotechnology	Tufts University Spring 2005
Company-sponsored Professional Development	BioCAD/Vision Training Course	2002
	Molecular Biology Workshop	2001
	Recombinant DNA Methodologies	2000
Bachelor of Science, <i>cum laude</i>	Biology	Dickinson College Spring 1998

Computer Proficiency

MS Office Suite	DNASTar, including: ▫MegAlign ▫EditSeq ▫SeqMan	Unicorn Software
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Professional Affiliations

▫The Protein Society	▫Regulatory Affairs Professionals Society	▫Society for Neuroscience
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Publications

Mouse, K.J., Mickey, K.I., Sung, A., **Donut, L.C.**, Mighty, M.M., Minnie, S.L., Goofy, B.W., Wolfe, L., Ciao, J., An, W.F., and Tiny, J.S. (2004) CO-HABITATION AND CO-EXISTANCE OF KCHIPS AND ICECHIPS AS FAULTY COMPONENTS OF MINERALS AND VITAMINS FOUND IN BILL ROLAND'S BRAIN. *Journal of Nonsense* **99**: 7903-7915.

Mouse, M.A., **Donut, L.**, Mickey, K., Mighty, D., Minnie, A., Goofy K.W., and Wolfe, D.H.H. (2004) LETTER TO THE EDITOR: ¹H, ¹³C, AND ¹⁵N BIRDBRAIN ASSIGNMENTS AND SECONDARY STRUCTURE FOR THE NEWFANGLED DIMMER AND THE OLD-FASHIONED SYNTHETASE FROM FAR AWAY WITH PETER.PAN. *Journal of Neverlandr NMR* **11**:301-302.

Wendy, R., Darling, H., Captain, C. R., Crocodile, A. E., Peter L. A., **Donut, L. C.**, Mickey, K. I., Mouse, J. D., Goofy, K. J., and J. S. Minnie. (2003) A FUNDAMENTAL ROLE FOR CLUTZES IN DETERMINING THE NO PARTICULAR PROPERTIES AND TRAFFICKING OF Kv4.2 WEED CHANNELS. *J. Biol. Ignorance*. **34**:36445-36454.